

YOUR AV AND SECURITY  
INFRASTRUCTURE COMPANY

Middle Atlantic Products

# NEW PRODUCTS GUIDE

2013 NEW PRODUCTS



what  
great systems  
are built on.™

**Middle Atlantic Products**





Image courtesy of Peter Shipp



## RACKS

This year we are introducing the industry's most advanced Cabinet for security and data applications. The SNE Series is a new class of application-driven security network enclosure. This specialty-purposed family of enclosures was designed to meet the specific requirements of IP, Analog and Hybrid Security Systems. 4 configurations meet common security challenges by addressing system type, wiring needs, cooling requirements and rack location.

### Featuring:

- Optimization for active forced ventilation or passive thermal management
- Unique equipment mounting flexibility
- Solid protection for both analog and digital cabling



## FURNITURE

All furniture from Middle Atlantic is built for system reliability. Just like our racks, they incorporate the best equipment mounting technologies – including provisions for fast installation, cooling, and cable management.

Our full range of technical furniture offerings includes standard stocked models such as studio and post furniture that can ship right away. But, we also offer full systems based on standard stocked elements, such as monitoring consoles, that can be configured with Middle Atlantic Designer™ software & quickly delivered to match the desired room layouts.

Trust your installs to the furniture systems built from the rack up and certified for AV and Security – only from Middle Atlantic Products



Build your AV and security systems on the best foundation available – equipment mounting systems from Middle Atlantic Products. We design and manufacture technical furniture, power products and racks right in our New Jersey headquarters and stock them in our national warehouse network, so you can get what you need when you need it.

Middle Atlantic also offers related product lines that together form more complete solutions for the rest of your AV and Security infrastructure. These product lines include Racks, Furniture, Power, and Cable Management. All these products work together to house and protect your installed systems, connect system locations together, and provide for user interaction. See the following sections for some highlights of these offerings.

It's what **great systems** are built on.



## SERVICE

At Middle Atlantic Products, we take pride in always doing a bit more to support our customers. Whether you buy directly from Middle Atlantic, or through our distribution partners, you can count on us to help make your project successful. We provide full pre- and post-sales technical support, outstanding customer service, and fast shipping from stock at one of our five north American locations. And we stand behind our products with unbeatable warranty support. If you are a current customer, we thank you and pledge our continuing efforts. If you are not a current customer, we invite you to try us and discover what you have been missing.

## POWER

Middle Atlantic Products' power solutions deliver the reliability and functionality that set the benchmark for great systems, including:

- RackLink™ Networked Power Management Systems monitor environmental conditions 24/7
- Series Protection™ Power Distribution eliminate power surges and spikes and are the fastest surge protection products available
- Isolation Transformers newly derived ground reference helps prevent ground loops
- Uninterruptible Power Supplies save energy – with quiet power & web-based control

If you haven't heard about these great solutions, contact your Middle Atlantic representative today to find out how these products can help your installations.



what great systems are built on.™



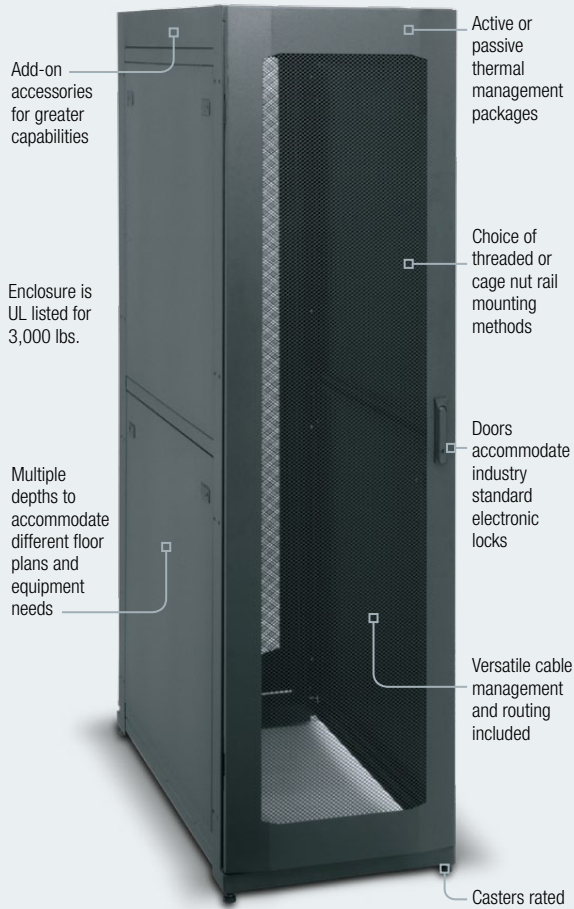
## CABLE MANAGEMENT

Signal inputs, outputs, and controls, as well as power, all must be routed within an installation, almost always in the form of cabling. Effective cable management plays a large role in overall system reliability since today's cables (including "category" cabling and fiber optics in particular) are highly engineered, high performance system elements that need to be properly supported and protected to perform to specifications.

Middle Atlantic has incorporated cable management features and capabilities into every rack/enclosure and technical furniture line as well as many accessory products to provide the support and management functions needed in every installation project.



# SNE SERIES SECURITY NETWORK ENCLOSURE



Easy ordering with single part number; standard packages are tailored for common security installation challenges

## SNE SERIES

The SNE Series is the most advanced security cabinet available.

This specialty-purposed family of enclosures was designed to meet the specific requirements of IP, Analog and Hybrid Security Systems. Four configurations meet common security challenges by addressing system type, wiring needs, cooling requirements and rack location.

- Designed for security
  - Designed for IP, Analog and Hybrid security systems
  - Includes Lever Lock™ system for efficient mounting of small devices
  - Non-proprietary “Zero-U” mounting for additional capacity
- Optimized for thermal management
  - Supports both active and passive ventilation
  - Works in equipment rooms or data centers
- Features enhanced cable management
  - Innovative optional cable chases
  - Unique cabinet to cabinet cable pass-throughs
  - Large bottom opening
  - Grommeted and brush openings
- Available with either threaded or cage nut style rackrail

## ALL SNE SERIES ARE PRE-CONFIGURED WITH:

				
<b>Vented Door</b>	<b>Vented or Solid Split Door</b>	<b>Flush Mount Side Panels</b> (42U & 45U are split)	<b>Lever Lock™ Mounting Brackets</b>	<b>Casters and Leveling Feet</b>

## SNE SERIES OPTIONS



### Split Lift-Off Cable Chase

4.4" width gives room between cabinets for large cable bundles. All cable chases include customer installed key-lock for added security.  
*Note: SNE-CC-xxLT (cable chase top) are required when using the lock.*

Fits	Cable Chase Lift-Off Front & Back Only		Cable Chase Top Only	
	All Depths	36" Deep	42" Deep	48" Deep
42 space SNE Series	SNE-CC-42FB	SNE-CC-36LT	SNE-CC-42LT	SNE-CC-48LT
45 space SNE Series	SNE-CC-45FB	SNE-CC-36LT	SNE-CC-42LT	SNE-CC-48LT



### Front Air Dam/Zero-U Panel Mount

Save rack space when mounting patch panels and other connectivity devices.

Fits	Front-Air Dam/Zero-U Panel Mount	
	All Depths	27.6" Wide 30" Wide
42 space SNE Series	SNE27-FAD-PM-42	SNE30-FAD-PM-42
45 space SNE Series	SNE27-FAD-PM-45	SNE30-FAD-PM-45



### 6" Wide Vertical Wire Grid Lace

Includes specific hardware for SNE Series and universal hardware for use in other racks.

Fits	6" Wide Vertical Wire Grid Lace	
	All Depths & Widths	
24 space SNE Series		LACE-WB6-24
42 space SNE Series		LACE-WB6-42
45 space SNE Series		LACE-WB6-45



### Lever Lock™ Mounting Brackets and Accessories

Brackets to add additional Lever Lock™ capacity. Mount smaller devices to the side of enclosure.

Fits	Lever Lock™ Mounting Bracket			Lever Lock™ Accessories			
	36" Deep	42" Deep	48" Deep	Vertical Angle	Vertical Channel	Vertical 10" Plate	Vertical DIN Rail
All Heights & Widths	LL-SNE-36BKT	LL-SNE-42BKT	LL-SNE-48BKT	LL-VA21	LL-VC21	LL-VP2110	LL-VDIN21



### Bracket for Top Cable Pass-Through Enclosure To Enclosure

Provides ability to pass cables from enclosure to enclosure when ganged together.

Fits	Bracket for Top Cable Pass-Through		
	36" Deep	42" Deep	48" Deep
All Heights & Widths	SNE-TCB-36	SNE-TCB-42	SNE-TCB-48



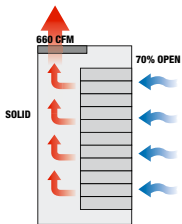
# SNE SERIES SECURITY NETWORK ENCLOSURE

The SNE Series Hybrid is configured for hybrid security systems consisting of a mix of analog and digital equipment and cabling. Accommodates small devices including encoders, power supplies and access control systems on the patented Zero-U Tool-Free Lever Lock™ system.

- Fully configured Security Network Enclosure w/active ventilation for equipment rooms
  - 70% open area vented front door
  - Pair of split flush mount locking side panels
  - (2) vertical 10" wide Lever Lock™ accessory mounting plate
  - (1) 6" wide vertical wire grid lace
- Available in 24", 27" & 30" widths
- 36" and 42" overall depths
- 24, 42, and 45 rackspace
- 2 pair of tapped 10-32 adjustable rail
- 4 space cage-nut adapter (pair)

## SNE SERIES HYBRID WITH TOP ACTIVE VENTILATION

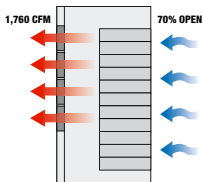
- Fan top with proportional speed thermostatic control provides 660 CFM active ventilation
- Solid split door



Overall Height (w/ casters)	24" Width		27.6" Width		30" Width	
	36" Depth	42" Depth	36" Depth	42" Depth	36" Depth	42" Depth
48" (24 space)	SNE24H-2436-A1	SNE24H-2442-A1	—	—	—	—
79-1/2" (42 space)	SNE24H-4236-A1	SNE24H-4242-A1	SNE27H-4236-A1	SNE27H-4242-A1	SNE30H-4236-A1	SNE30H-4242-A1
84-3/4" (45 space)	SNE24H-4536-A1	SNE24H-4542-A1	SNE27H-4536-A1	SNE27H-4542-A1	SNE30H-4536-A1	SNE30H-4542-A1

## SNE SERIES HYBRID WITH REAR ACTIVE VENTILATION

- Solid split rear door with (8) 6" fans for a total of 1,760 CFM active ventilation; Solid top
- Optional proportional speed fan controller (FC-CFRD)



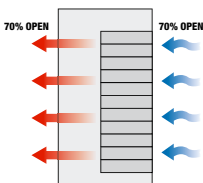
Overall Height (w/ casters)	24" Width		27.6" Width		30" Width	
	36" Depth	42" Depth	36" Depth	42" Depth	36" Depth	42" Depth
48" (24 space)	SNE24H-2436-A2	SNE24H-2442-A2	—	—	—	—
79-1/2" (42 space)	SNE24H-4236-A2	SNE24H-4242-A2	SNE27H-4236-A2	SNE27H-4242-A2	SNE30H-4236-A2	SNE30H-4242-A2
84-3/4" (45 space)	SNE24H-4536-A2	SNE24H-4542-A2	SNE27H-4536-A2	SNE27H-4542-A2	SNE30H-4536-A2	SNE30H-4542-A2

The SNE Series Digital is configured for digital (IP based) security systems consisting of high-density cabling, network equipment, and servers. Optional Tool-Free Lever Lock™ system accommodates small devices including encoders, power supplies, and Access Control Systems.

- Fully configured Security Network Enclosure with passive ventilation for data centers
  - 70% open area vented front door
  - Pair of split flush mount locking side panels
  - 2 pair of adjustable cage-nut rackrail (including 6 mm hardware)
  - Lever Lock™ compatible (accepts all Lever Lock™ vertical 21" accessories)
- Available in 24", 27" and 30" widths
- 36", 42" & 48" overall depths
- 24, 42, and 45 rackspace
- 100 6mm cage-nuts/rack screws included

## SNE SERIES DIGITAL WITH PASSIVE COOLING (FRONT TO REAR)

- 70% open area split rear door
- Solid top with brush cable pass-through

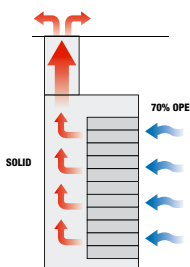


Overall Height (w/ casters)	24" Width			27.6" Width			30" Width		
	36" Depth	42" Depth	48" Depth	36" Depth	42" Depth	48" Depth	36" Depth	42" Depth	48" Depth
48" (24 sp.)	SNE24D-2436-P1*	SNE24D-2442-P1*	—	—	—	—	—	—	—
79-1/2" (42 sp.)	SNE24D-4236-P1*	SNE24D-4242-P1*	SNE24D-4248-P1*	SNE27D-4236-P1*	SNE27D-4242-P1*	SNE27D-4248-P1*	SNE30D-4236-P1*	SNE30D-4242-P1*	SNE30D-4248-P1*
84-3/4" (45 sp.)	SNE24D-4536-P1*	SNE24D-4542-P1*	SNE24D-4548-P1*	SNE27D-4536-P1*	SNE27D-4542-P1*	SNE27D-4548-P1*	SNE30D-4536-P1*	SNE30D-4542-P1*	SNE30D-4548-P1*

\*available less side panels, suffix part # 'AB'

## SNE SERIES DIGITAL WITH PASSIVE CHIMNEY COOLING

- Solid split rear door
- Chimney top
- Front air-dam on 27" and 30" width
- Solid bottom with air-diverter



Overall Height (w/ casters)	24" Width			27.6" Width			30" Width		
	36" Depth	42" Depth	48" Depth	36" Depth	42" Depth	48" Depth	36" Depth	42" Depth	48" Depth
79-1/2" (42 sp.)	SNE24D-4236-P2	SNE24D-4242-P2	SNE24D-4248-P2	SNE27D-4236-P2	SNE27D-4242-P2	SNE27D-4248-P2	SNE30D-4236-P2	SNE30D-4242-P2	SNE30D-4248-P2
84-3/4" (45 sp.)	SNE24D-4536-P2	SNE24D-4542-P2	SNE24D-4548-P2	SNE27D-4536-P2	SNE27D-4542-P2	SNE27D-4548-P2	SNE30D-4536-P2	SNE30D-4542-P2	SNE30D-4548-P2



## RCS SERIES

RCS Series are pre-configured with items such as shelves for convenient equipment mounting and shipped fully assembled to save time. Built on a professional rackmount foundation, the RCS Series racks accept both professional rackmount and shelf mounted consumer components.

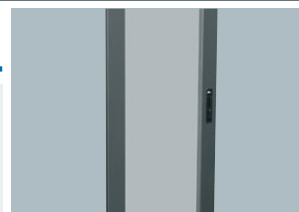
- Fully welded steel construction (UL Listed)
- Ships fully assembled to save time
- Locking removable side panels for easy integration
- Includes integral active cooling for proper thermal management
- Glass front door, locking rear access panel standard
- Includes front and rear adjustable rack rail





# RESIDENTIAL CONFIGURED RACK SYSTEM

## ALL RCS SERIES ARE PRE-CONFIGURED WITH:



**Glass Front Door**



**Rear Access Panel**



**Removable Locking Side Panels**



**Active Cooling (2) 95 CFM Fans**



**Locking Casters & Leveling Feet**

## COMPATIBLE ACCESSORIES



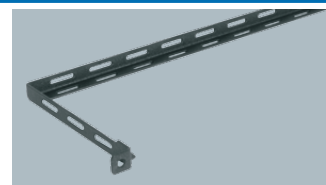
**Rackmount Power Distribution**



**Rackmount Storage**



**RSH Rackshelves**



**Cable Management**

	RCS-4224	RCS-2724	RCS-1824
<b>Racking Weight Rating</b>	1,200 lbs.	750 lbs.	500 lbs.
<b>Shelves*</b>	(5) 2 space, 16" deep (50 lbs.)	(4) 2 space, 16" deep (50 lbs.)	(3) 2 space, 16" deep (50 lbs.)
	(2) 2 space, 18" deep (50 lbs.)		
	(2) 3 space, 20" deep (100 lbs.)	(1) 2 space, 18" deep (50 lbs.)	
<b>2 Space Blank Panels*</b>	9	5	3
<b>Overall Dimensions</b>	24"d x 23-5/8"w x 80-1/2"h	24"d x 23-5/8"w x 54-3/8"h	24"d x 23-5/8"w x 38-5/8"h
<b>Racking Height</b>	42 space	27 space	18 space
<b>Recommended Vertical Power**</b>	C E G T N P	C E G	C

\*Shelves and panels are pre-installed. \*\*Note: power strips are available options. All vertical power requires PB-5A.



MFR-2027GE



KNOTTED MAPLE



GRAINED EBONY  
ASH



GRAINED DARK  
CHERRY



#### Integrated rear management system

Vented steel top panel accepts optional fan panel, and includes a cable entry gland grommet

Locking tip-out rear access panel removes completely for easy access to components

Vented steel bottom is easily removed for "No-Fish" cable entry

## MFR SERIES




Engineered and rigorously tested to provide years of trouble-free service, these racks feature premium bolt-through casters and rigid construction for reliability.

- Cost-effective furniture rack includes advanced features for reliability
- Robust design features bolt-through casters and internal steel bracing (12 and 16 space models have 3" floor-friendly caster, 20 space models have 4" casters)
- Optimized for passive ventilation, or choose optional thermostatically-controlled DC fan kit
- Optional flat screen mount accommodates most monitors up to 32" (VESA 100)
- Integrated rear management system features vented top mounting panel for optional DC fans, integrated cable exit panel, and tip-in rear panel for easy equipment access
- Locking Plexi Glas® front door standard
- Available in 12, 16, and 20 rackspace sizes in 3 attractive colors: Knotted Maple, Grained Ebony Ash, and Grained Dark Cherry
- UL Listed (structural and tip) for support of audio/video equipment
- Ships fully assembled

Part #	Overall Height	Racking Height	Overall Depth	Useable Depth
MFR-1227xx*	27"	21" (12 rackspaces)	27-3/8"	23"
MFR-1627xx*	34"	28" (16 rackspaces)	27-3/8"	23"
MFR-2027xx*	42"	35" (20 rackspaces)	27-3/8"	23"

\* Replace 'xx' with KM = Knotted Maple, GE = Grained Ebony Ash, GC = Grained Dark Cherry.

#### MFR Series Mobile Furniture Rack Options

		
Rear Rackrail Kits*	Monitor Mount	(2) 3" DC Fans, 50 CFM with Power Supply
MFR-RRK-12 (12 rackspaces)	MMB-1X1-12	MFR-FANKIT-2
MFR-RRK-16 (16 rackspaces)		
MFR-RRK-20 (20 rackspaces)		

\* NOTE: you must order rear rail in the same size as your rack order.



# RFR REFERENCE SERIES FURNITURE RACK

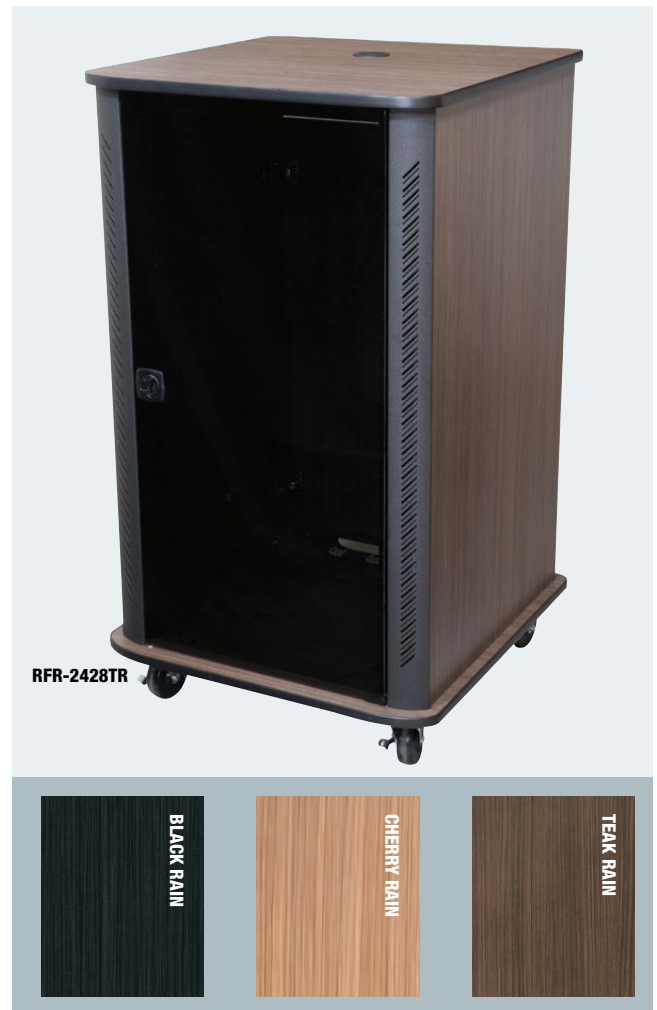
## RFR SERIES

The RFR Reference Series combines elegant design with professional integration attributes perfect for attractive, reliable systems.

- Engineered for professional integration to ensure efficient installation
  - Wide-body design allows for handy interior device mounting and cable management using optional tool-free Lever Lock™ system
  - Robust construction features bolt-through floor-friendly casters and internal steel bracing for years of reliable use
  - Unique cable entry rear door and included cable spools allow easy storage of connecting cable bundle
- Advanced cooling for system reliability
  - Optimized for passive ventilation featuring generous front air intake and rear exhaust vents
  - Enable energy-saving active cooling with optional thermostatically-controlled DC blower panel. Quiet and powerful: 50 CFM, 27 dB
- Superior aesthetics complement any public space
  - Architectural design incorporates a highly aesthetic and durable finish, available in 3 colors: Black Rain, Cherry Rain, & Teak Rain
  - Attractive IR-friendly locking glass front door standard
- Available in 16, 20, and 24 rackspace sizes
- Optional flat screen mount accommodates most monitors up to 32" (VESA 100)
- UL Listed (structural and tip) for support of audio/video equipment
- Ships fully assembled



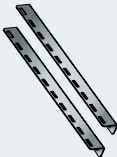

Part #	Overall Height	Racking Height	Overall Depth	Useable Depth
RFR-1628xx*	35"	28" (16 rackspaces)	28-1/4"	23-1/4"
RFR-2028xx*	42"	35" (20 rackspaces)	28-1/4"	23-1/4"
RFR-2428xx*	49"	42" (24 rackspaces)	28-1/4"	23-1/4"

\* Replace 'xx' with BR = Black Rain, CR = Cherry Rain, TR = Teak Rain.



RFR-2428TR

Wide-bay design accommodates optional Lever Lock™ device mounting and cable management accessories and features rear scoop for cable exit while door is closed

RFR Reference Series Furniture Rack Options			
			
Rear Rackrail Kits*	Monitor Mount	Lever Lock™ Mounts (2)**	Quiet DC Blower Panel 50 CFM, 29 dB
RFR-ERRK-16 (16 rackspaces)	MMB-1X1-12	LL-RFR	RFR-CABCOOL50
RFR-ERRK-20 (20 rackspaces)			
RFR-ERRK-24 (24 rackspaces)			
<b>* NOTE: you must order rear rail in the same size as your rack order.</b> <b>**Accommodates all 17" vertical Lever Lock options.</b>			



# BGR SERIES PRESENTATION ENCLOSURE SYSTEM AND LEVER LOCK™



**BGR-19SA27-MDK-DS**



Cable entry rear door

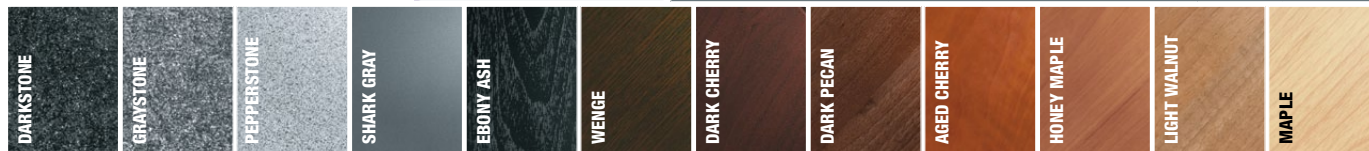
## BGR SERIES PRESENTATION ENCLOSURE SYSTEM

The BGR-MDK Series combines furniture elegance with a robust rolling steel enclosure. Featuring an attractive thermolaminate top which can accommodate video monitors, the BGR-MDK Series comes complete with a skirted wheelbase, leveling feet, curved plexi front door, cable entry rear door and front and rear rackrail.

The standard stocking color for the counter top is darkstone, but all Middle Atlantic thermolaminate colors can be quickly made to order. The BGR-MDK Series features the patent-pending Lever Lock™ system.

Part #	Overall Height	Racking Height	Overall Depth	Useable Depth
BGR-19SA27MDK-DS*	39-1/2"	33-1/4" (19 rackspaces)	27"	24-3/8"
BGR-25SA27MDK-DS*	50"	43-3/4" (25 rackspaces)	27"	24-3/8"
BGR-25SA32MDK-DS*	50"	43-3/4" (25 rackspaces)	32"	29-3/8"

\* Replace 'DS' with GS = Graystone, PS = Pepperstone, SG = Shark Gray, EA = Ebony Ash, WG = Wenge, DC = Dark Cherry, DP = Dark Pecan, AG = Aged Cherry, HM = Honey Maple, LW = Light Walnut, MP = Maple.



## LEVER LOCK™ DIN RAIL

### DIN RAIL

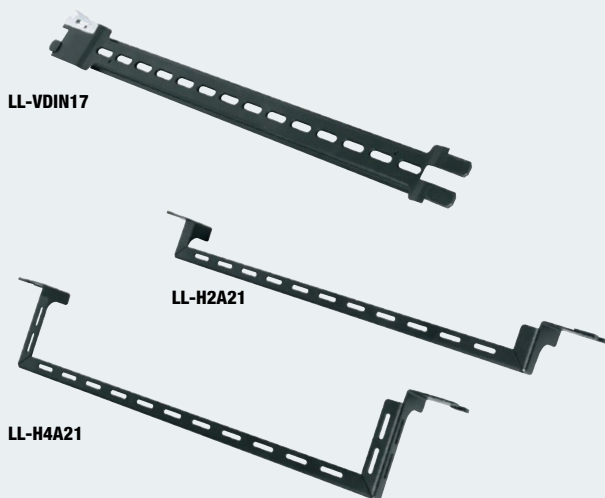
As electronic equipment in both AV and I.T. systems has grown smaller the use of DIN rail in equipment racks has become more common. This product combines the convenience of Lever Lock™ tool free mounting capability with efficient DIN rail mounting.

Part #	4 Pack Part #	Description	See a video of the Lever Lock™ system in action. Click to <a href="http://middleatlantic.com/rackac/LeverLock/">middleatlantic.com/rackac/LeverLock/</a>
LL-VDIN17	LL-VDIN17-4	17" long vertical DIN rail	
LL-VDIN21	LL-VDIN21-4	21" long vertical DIN rail	

### 2" AND 4" OFFSET ANGLE LACER BARS

Our popular offset angle lacer bars have been made even easier to install with the addition of tool free Lever Lock™ mounting capability.

Part #	Description
LL-H2A21	horizontal 2" off-set angle
LL-H4A21	horizontal 4" off-set angle



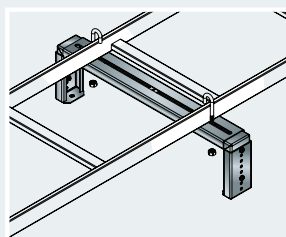
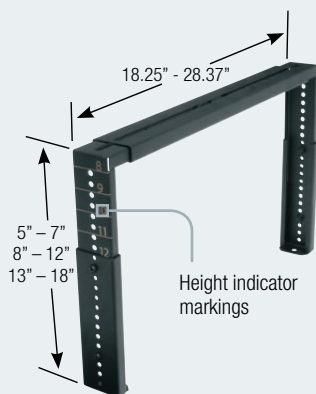
## CABLE LADDER ELEVATION KIT

Providing strong, adjustable support for cable ladders or baskets above equipment racks, this versatile design fits all floor standing rack types, including 2- and 4-post racks, stand-alone and gangable racks and enclosures. Can be mounted to support ladder or basket crossing side-to-side or front-to-back orientations.\*

Three models cover a range of heights, with highly visible height markings to speed installation.

Part #	Description
CLH-ELS-5/7	5"- 7" Elevation Kit
CLH-ELS-8/12	8"- 12" Elevation Kit
CLH-ELS-13/18	13"- 18" Elevation Kit

\*Side-to-side direction on 2-post racks requires adapter plate MK-LA.




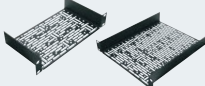






# HRF SERIES HALF RACK AND UPGRADED DOOR HANDLES

## HRF SERIES HALF RACK SYSTEMS

Designed to accommodate half rack equipment from a variety of manufacturers, the HRF Series half rack systems feature a low profile design and compact dimensions. An offset cable tie area keeps their overall width to a slim 10-5/8", maximizing the amount of useable rackspace in confined areas.


Models are available in 8 and 12 space useable racking height configurations with available mounting shelves that include a pattern of holes & slots that accommodate any device-mounting pattern. The line of complementary accessories for the HRF Series also includes a high static pressure blower to exhaust heat, as well as blank and vented panels to complete the installation.

Half Rack Options					
					
Runner Kit	Universal Multi Shelves	Blank Panels	Vent Panels	Quiet Blower	AVIP Half Rack Fixed Panels
5-RS14	HR-UMS1-3.5 (3-1/2" depth)	HRBL1 (1 space)	HR-EVT1 (1 space)	HR-QBP-1	AVIP-HFK1 (1 sp.)
—	HR-UMS1-5.5 (5-1/2" depth)	HRBL2 (2 space)	HR-EVT2 (2 space)	—	AVIP-HFK2 (2 sp.)
—	HR-UMS1-11.5 (11-1/2" depth)	—	—	—	—

## "MINI" PD SLIM POWER STRIP


This new PD slim power strip was designed for use in the HRF Series half-racks but it can be used anywhere a small power strip is needed. Don't be fooled by its small size, this strip was engineered and manufactured for professional use. It features our best SignalSAFE™ power cord to eliminate electromagnetic interference, an external bonding screw terminal, built-in circuit breaker protection, and carries our full 3 year professional warranty.

Part #	Chassis Style	Chassis Length	Rated Load	Outlets	Outlet Type	Termination	Protection	Local Meter
PD-715SC-NS	PD Slim	13"	15A	7	5-15R	10' cord w/NEMA 5-15P	circuit breaker only	No



**HRF-1214**

Strong welded frame enables equipment to be pre-loaded and transported to the installation site.



**HRF-1214** shown installed in a lectern

Part #	Overall Height	Racking Height
HRF-814	14-15/16"	14" (8 rackspace)
HRF-1214	21-15/16"	21" (12 rackspace)



## UPGRADED DOOR HANDLES

We have upgraded the standard handle provided on front and rear doors for all WMRK Series racks including configured models. The handles provide an easy to use, positive latching action that stays closed without locking. As part of this upgrade, we have implemented a standard mounting hole pattern that can accept a wide array of swing and electronic handles from a range of manufacturers – eliminating the need for a custom order if you want to use one of these handles!


- Now standard on all WMRK Series racks, both front and rear doors
- Part numbers for doors without handles (lets you install the handles you want)
- Uses an industry standard 25mm by 150mm cutout

Part #	Front Doors			Rear Doors	
	Solid	Plexi	Vented (70%)	Split Solid	Split Perf (79%)
WMRK-24xx**	FD-WMRK-24*	PFD-WMRK-24*	LVFD-WMRK-24*	CRD-WMRK-24*	CLVRD-WMRK-24*
WMRK-42xx**	FD-WMRK-42*	PFD-WMRK-42*	LVFD-WMRK-42*	CRD-WMRK-42*	CLVRD-WMRK-42*
WMRK-45xx**	FD-WMRK-45*	PFD-WMRK-45*	LVFD-WMRK-45*	CRD-WMRK-45*	CLVRD-WMRK-45*


\*Available without standard swing handle, suffix part # with LH, use when using customer supplied Electronic Handles. \*\*xx = 38", 42" & 48" depth.



WMRK door with new standard swing handle (shown closed)



WMRK door with new standard swing handle (shown open)



WMRK Series door accommodate electronic handles from a variety of manufacturers – please call for details

# VTC SERIES MOBILE VIDEOCONFERENCING & PRESENTATION CARTS



## VERSATILE MOBILE CART SYSTEM FOR VIDEOCONFERENCING AND PRESENTATION APPLICATIONS

### Industry-Leading Screen Capacity and Equipment Mounting Versatility

- Large format display capacity: supports single (up to 80") or dual screens (up to 70")
- Versatile and generous equipment capacity: from 7 to 15 rackspace, with room for small items
- Engineered for easy service: Lever Lock™ panel speeds access to small devices
- Rugged design and construction: welded steel frame is UL Listed, tip and weight tested

Part #	Display Capacity	Description	Base Capacity	Frame Capacity
VTC-4280S	single 42" - 80"	mobile videoconferencing/presentation cart	3 rackspace	4 rackspace + 10" Lever Lock™ plate
VTC-4255D	dual 42" - 55"	mobile videoconferencing/presentation cart	3 rackspace	4 rackspace + 10" Lever Lock™ plate
VTC-5670D	dual 56" - 70"	mobile videoconferencing/presentation cart	3 rackspace	4 rackspace + 10" Lever Lock™ plate
VTC-4280S-R	single 42" - 80"	mobile videoconferencing/presentation cart w/rack	3 rackspace	12 rackspace + 10" Lever Lock™ plate
VTC-4255D-R	dual 42" - 55"	mobile videoconferencing/presentation cart w/rack	3 rackspace	12 rackspace + 10" Lever Lock™ plate
VTC-5670D-R	dual 56" - 70"	mobile videoconferencing/presentation cart w/rack	3 rackspace	12 rackspace + 10" Lever Lock™ plate

VTC Series Options Part #	Description
VTC-DWR-5.5	5.5" high X 7.5" deep, drawer for VTC Series
VTC-SPK-SH5.5	5.5" high, VTC speaker shelf only
VTC-SPK-SH11	11" high, VTC speaker shelf only
LL-VTC-K	VTC Lever Lock™ kit, (2) LL receptacles (1) LL-HC21 (1) LL-VP2110
VTC-WS-32X12SL	32" wide, 12" deep VTC work surface, slate
VTC-R1214	12SP EIA, 14" deep, VTC Add-On rack with glass door

Please note: cameras, displays, and mounted equipment are shown for illustration purposes.



### VTC-4280S-R

This setup is for presentation applications and features 15 total rackspace of equipment mounting space – 12 in the rack section and 3 in the base.



# VTC SERIES MOBILE VIDEOCONFERENCING & PRESENTATION CARTS



## VTC-4280S

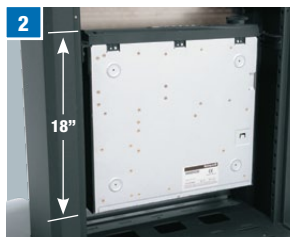
This VTC Cart is shown with the camera mount in the upper position. This setup is for single-screen videoconferencing. The camera can also be positioned below the screen.

**COLORS AVAILABLE**  
See pg. 35 for more info



### Cart Base

Start by installing your heaviest equipment in the 3 rackspace in the base section. This location helps maintain stability, & is ideal for a UPS or amplifier.



### Lower Frame

The lower frame mounting location provides 4U of "knobs up" 18" deep rackmounting. Perfect for codecs, switcher, processor, and similar equipment.



### Upper Frame

This area is for mounting Codecs, media extenders, power supplies, and similar small devices. Patented Lever Lock™ mounting plate is easy to install & service. Additional Lever Lock mounting plates are available. Also includes 8 outlet 15 Amp power strip with surge protection and circuit breaker.



### Display Mount

Single-mount models are made to hold displays up to 80" and 250 lbs. Dual-mount models are made to hold two displays up to 70", with a combined weight of up to 250 lbs. (125 lbs. per screen)



### Camera Mount

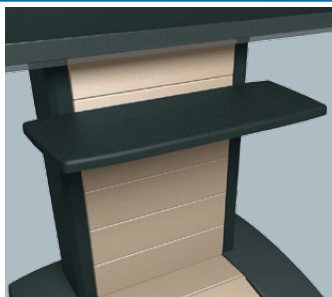
All models come with a versatile camera mounting shelf. Single screen versions come with a shelf extender bar that can position the camera shelf above or below the display. Dual screen versions come with a "between screen" shelf mount that can be positioned at the top, center, or bottom of the display height.

## VTC SERIES OPTIONS



### Rack Version

Rack option replaces the lower frame 4U mounting area with a 12U x 14" deep rack. Rack frame is removable as a unit to allow easy prestaging, integration or maintenance access.



### Work Surface

This option adds flexibility with a wide work surface that travels with the system. Great for holding laptop computers, DVD player, or any small items needed during system use.



### Storage Drawer

Convenient front storage drawer holds remote controls, manuals, and similar items. Also great for holding wireless microphones and charging stations to support system operation.



### Speaker Shelves

Speaker mount shelves are available in two sizes (5-1/2" and 11" heights) to accommodate many small speaker systems. Speaker mounts include acoustically transparent grille cloth.



## A NEW APPROACH FOR LECTERNS

Introducing the industry's most integration-friendly lecterns! The New L5 Series Lecterns follow the same innovative approach as our game-changing C5 Series Credenza Racks: The robust steel frame ships from stock to begin integration right away, and the finish panels ship separately to prevent damage. This improved workflow combines the strength and functionality of a rack with the look of furniture.

- Easy to Integrate
  - Steel frame ships assembled and ready to integrate in the shop or on site
  - Open frame design makes easier work, with built-in power and provisions for cable management and thermal management
- Quick and easy customization
  - Design your own Presenter's Panel™ with the cutouts you need, and we will quickly make it at our factory
  - Choose from 13 standard finishes and two styles for the Finishing kit
  - Optional Millwork kit lets your custom woodworker provide the finish instead - includes detailed shop drawings and mounting hardware
- Fast Lead Times
  - Frames ship fast from stock at all North American warehouses
  - Finishing kits are quickly made to your selections and typically ship in 3 weeks or less

L5 Frames with Presenters Panel	Finishing Kit, Traditional Style*	Finishing Kit, Contemporary Style*	Overall Width
L5-TURFR-23	L5-TKIT-23	L5-TKITM-23	23"
L5-TURFR-33	L5-TKIT-33	L5-TKITM-33	33"
L5-TURFR-43	L5-TKIT-43	L5-TKITM-43	43"
L5 Frames with Flat Top	Finishing Kit, Traditional Style*	Finishing Kit, Contemporary Style*	Overall Width
L5-FLATFR-23	L5-FLKIT-23	Flat kits available only in traditional routing style.	23"
L5-FLATFR-33	L5-FLKIT-33		33"
L5-FLATFR-43	L5-FLKIT-43		43"

\*Finishing kits require finish color selection. Laminate finish to be added as a line item (Qty 1).

Darkstone	Graystone	Pepperstone	Shark Gray	Ebony Ash	Wenge	Dark Cherry	Dark Pecan	Aged Cherry	Honey Maple	Light Walnut	Maple	Slate
FIN-DS	FIN-GS	FIN-PS	FIN-SG	FIN-EA	FIN-WG	FIN-DC	FIN-DP	FIN-AG	FIN-HM	FIN-LW	FIN-MP	FIN-SL

# L5 SERIES LECTERNS



## Choose Frame Size

- 1 rack bay (23"w)
- Rack bay with storage (33"w)
- Dual bay width (43"w)



## Choose Style

- Contemporary (shown with 33" width)
- Traditional



## Also Available

- Flat top (traditional only)

## L5 SERIES LECTERNS OPTIONS



**Gooseneck Light**  
18" with dimmer

Part #
L5-TASKLIGHT18



**Monitor Mount**  
with 12" pole

Part #
MMB-1X1-12



**Articulating Tablet Mount**

Part #
LT-TABLETMT



**Shockmount Microphone Holder**

Part #
L5-SHOC-XLR-S



**4" Clock Timer**

Part #
L5-CLOCKTIMER4



**Custom Presenter's Panel™**

23"W Part #	33"W Part #	43"W Part #
L5CUSTPNL-23	L5CUSTPNL-33	L5CUSTPNL-43

<b>Aluminum</b> Custom 12" x 14" logo	<b>Bronze</b> Custom 12" x 14" logo	<b>Color</b> Custom 12" x 14" logo	<b>Laser</b> Custom 12" x 14" logo
<b>Part #</b> L5-LOGO14A-XXXX	<b>Part #</b> L5-LOGO14B-XXXX	<b>Part #</b> L5-LOGO14C-XXXX	<b>Part #</b> L5-LOGO14L-XXXX

## MILLWORK KIT

A complete kit to facilitate the creation of custom millwork. This kit includes all required drawings in electronic format, and all of the required mounting and assembly hardware.

Part #	For Use With
L5-MK23	23" L5 millwork kit
L5-MK33	33" L5 millwork kit
L5-MK43	43" L5 millwork kit





Shown in-line with fixed height bays;  
easily specified using Designer™ Software.

## SIT/STAND CAPABILITY

Promoting proper ergonomics for healthy work environments, new height-adjustable Sit/Stand functionality is now available for the ViewPoint™ Series. Pre-installed in welded ViewPoint console bays or as a standalone work station. Quick shipment with 3-week standard lead time - the same for all our ViewPoint systems.

- Sit/stand functionality promotes proper ergonomics for healthy work environments
- Simplified installation made possible by factory integrated lift systems, pre-installed in welded ViewPoint™ console bays
- Lift legs do not intrude in equipment mounting bays – full bay width is available for equipment
- Quick shipment – 3 week standard lead time

Part #	Description
VC-LS3619-DT37SA	36" w x 19"d stand-alone ViewPoint™ lift system
VC-LS4819-DT37SA	48" w x 19"d stand-alone ViewPoint™ lift system
VC-LS7219-DT37SA	72" w x 19"d stand-alone ViewPoint™ lift system
VC-LSWS1-DT37SA	stand-alone ViewPoint™ lift system workstation

FREE DESIGN SOFTWARE - SEE PG. 34



Also available as in-line versions to complement fixed height systems. Download designer to configure your system!

Stand-alone work  
station shown



Available in the same standard finishes  
as the rest of the ViewPoint™ system

## STANDARD WORK SURFACE FINISHES



# SIT/STAND FUNCTIONALITY FOR VIEWPOINT™ MONITORING CONSOLES

## SIT/STAND CAPABILITY

- Bays adjust from 30.5" to 55.6" inches, with three position memory
- Multiple Sit/Stand bays can be operated independently, or be joined together to operate as a larger system
- Bays can be attached to fixed-position ViewPoint Monitoring System bays (as shown on previous page)
- Stand-alone configurations also available
- Available with an 37" deep work surface
- A large variety of standard finishes available
- Most configurations ship in 3 weeks or less
- GREENGUARD Gold certified
- LCD monitors can be mounted using optional monitor arms



## SIT/STAND OPTIONS

### Monitor Mounts

Mount to the rear of the work surface and accommodate 1, 2, 3, 4, or 6 monitors. VESA 75 and 100 compliant.



Part #	VC-MM1X1	VC-MM2X1	VC-MM1X2	VC-MM1X2PL	VC-MM2X2	VC-MM3X1D
Weight Capacity per Monitor	28 lbs.	25 lbs.	20 lbs.	21 lbs.	22 lbs.	30 lbs.
Total Weight Capacity	28 lbs.	50 lbs.	40 lbs.	42 lbs.	88 lbs.	90 lbs.
Configurations	1x1, articulating	2x1, horizontal	1x2, vertical	1x2, articulating, landscape/portrait	2x2, quad, two across, two levels	3x1, triple horizontal



### Seating to Fit Your Needs

Ergonomically designed and fully adjustable.

Part #	Description
CHAIR-CF1-B	chair, contour freedom, gel seat/arms, black vellum
CHAIR-ADV1-B	chair, advantage, wide frame black upholstered seat, mesh black
CHAIR-TSK1-B	chair, task basic, slim profile, black upholstered seat, mesh black



### CPU Tray

Slides out of the front or rear and mounts in any 24" console section. Extends 13" with a weight capacity of 75 lbs.

Part #	Useable Dimensions
VC-2419ST	19" w x 14-1/4" d



### Rear Fan Door

Thermostatically switched and provides 100 CFM of air extraction while generating less than 27 dB.

Part #
VC-B24-FD



### Side Panels

Sturdy construction. Left and right sided panels mount on any bay.

Part #
VC-LS-SP219



### File Cabinet

Fits underneath peninsula. Swivel casters provide ease of movement. 18" d x 27" h.

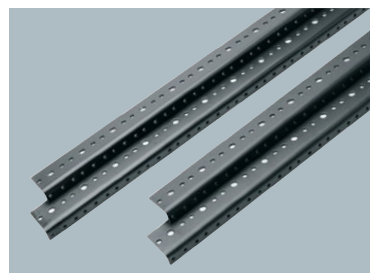
Part #
VC-FC-3



### Keyboard Shelf

Articulating keyboard shelf mounts underneath work surface/desktop.

Part #
VC-KBS

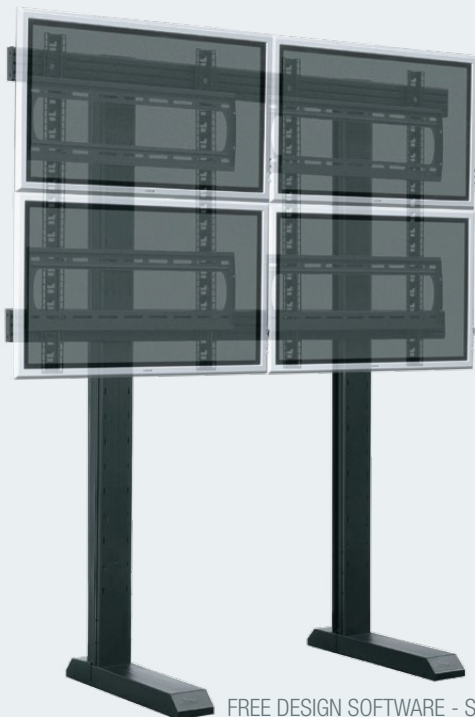


### Rackrail

10 space front-to-rear adjustable rackrail available for horizontal equipment mounting in the front/rear of any 24" section of a 24", 36", 48", or 72" bay.

Part #
VC-B24-RR10

# VISIONFRAME™ MOUNTS AND VIEWPOINT™ OPTIONS



FREE DESIGN SOFTWARE - SEE PG. 34



## VISIONFRAME™ VERTICAL PANEL MOUNT

- Quickly and easily mounts rackmount components to the back of monitor walls
- Use for UPS, Codecs, power supplies and other rackmount equipment
- Saves rackspace by locating suitable components on monitor walls
- Does not increase depth of wall system

Part #

VF-VP-3



VisionFrame™  
Vertical Panel Mount

## VISIONFRAME™ VERTICAL MULTI-MOUNT PANEL

- Quickly and easily mounts HDMI extenders, video switchers and other small components to the back of monitor walls
- Saves space in local racks
- Allows for easy servicing/cabling changes

Part #

VF-MPV



VisionFrame™  
Vertical Multi-Mount Panel



VC-C3624-GDFS-DC

## VIEWPOINT™ FREE STANDING STORAGE CABINET

This storage cabinet matches appearance and style of the ViewPoint™ system to provide additional storage space.

- Provides storage for supplies and personal items in the working environment
- Matches the workstation colors and style for unified appearance
- Comes fully assembled for fast installation
- Includes two adjustable shelves and smoked glass doors

Part #

VC-C3624-GDFS-xx

\*Replace 'xx' with DS = Darkstone, GS = Graystone, PS = Pepperstone, SG = Shark Gray, EA = Ebony Ash, WG = Wenge, DC = Dark Cherry, DP = Dark Pecan, AG = Aged Cherry, HM = Honey Maple, LW = Light Walnut, MP = Maple.



VC-C3624-GDFS-DC

## VIEWPOINT™ RADIAL BINDER STORAGE

Keep essential reference materials close at hand with the Radial Binder Storage cabinet, a new option in the ViewPoint™ system.

- Compact rounded shape holds binders or books on two shelves
- Comes fully assembled for fast installation
- Attaches to any 24" bay section or at the end of storage cabinet as shown

Part #

VC-BC24





## A POWERFUL COMBINATION FOR MEETING ROOM SOLUTIONS

Wiremold® products are now available through Middle Atlantic, and together, these product lines provide a flexible and complete set of AV equipment mounting and connectivity solutions for Meeting and Conference Rooms. Now from the equipment room to the meeting room, Middle Atlantic and Wiremold products can support your installation and deliver the reliability and quality you need.



**Wiremold® Overfloor Raceway** system is ideal for providing power and connectivity to reconfigurable and open-plan office areas, as well as all types of AV that would benefit from installation on floor surfaces. ADA Compliant.



**Floor Boxes** provide power, AV, and communication services in concrete, raised, & wood floor applications. Wiremold® offers the broadest line in the industry, including the first and only family of Fire Classified Floor Boxes available today.



**Under Table Cable Management** supports and organizes power, communications and AV cables while allowing ready access when needed.



**Easy-to-install Transition Tube** protects cables from the floor to the underside of a table, and provides transition to under-table cable managers and work surface connection boxes.



**Work Surface Boxes** provide convenient power, communications, and AV connectivity on table tops including conference tables, lecture halls and credenza racks.



**The Vista Point5** provides power, communication, and AV connections in a convenient compact location. Mounted on the floor, the Vista Point5 can be located in the center of a contemporary conference table or double as one of the support legs.



**Technical Furniture:** our full range of technical furniture offerings includes the C5 Series credenza racks and the VTC Series mobile video conferencing and presentation carts. See pgs. 12-13 & 20-21 for more information.



**Technology Pedestal System** has a strong, fully welded frame that accommodates AV components at the table. Its unique design lets stock or custom furniture trim panels be attached after installation is complete.

# C5 SERIES CREDENZA RACKS



shown with optional SRSR Series pull-out rack and display mount

## DEEPER C5 SERIES CREDENZA RACKS

Improved for a Wider Range of Applications

- Extended depth accommodates deeper equipment, such as Middle Atlantic UPS models and AV matrix switchers. Allows greater flexibility for drop-in connection boxes
- Enhanced cooling includes 50 CFM energy-saving, thermostatically-controlled DC blowers in each bay. Quiet and powerful: 50 CFM 29 dB (see A&E spec #96-01180 for measured values)
- Additional options for conferencing include flat screen (42" – 70") and multi-position camera mounts

27-1/2" Deep Credenza Racks (Standard Depth)							31-1/2" Deep Credenza Racks					
Frame**		Finishing Kit, Traditional Style			Finishing Kit, Contemporary Style		Frame**	Finishing Kit, Traditional Style		Finishing Kit, Contemporary Style		
# of Bays	120V Model	220V Model	With Smoked Plexi Door(s)	With Solid Door(s)	With Smoked Plexi Door(s)	With Solid Door(s)	# of Bays	Model	With Smoked Plexi Door(s)	With Solid Door(s)	With Smoked Plexi Door(s)	With Solid Door(s)
1 Bay	C5F1	IC5F1	C5K1-TPD-xx *	C5K1-TSD-xx *	C5K1-CPD-xx *	C5K1-CSD-xx *	1 Bay	C5F1-D	C5K1-D-TPD-xx *	C5K1-D-TSD-xx *	C5K1-D-CPD-xx *	C5K1-D-CSD-xx *
2 Bay	C5F2	IC5F2	C5K2-TPD-xx *	C5K2-TSD-xx *	C5K2-CPD-xx *	C5K2-CSD-xx *	2 Bay	C5F2-D	C5K2-D-TPD-xx *	C5K2-D-TSD-xx *	C5K2-D-CPD-xx *	C5K2-D-CSD-xx *
3 Bay	C5F3	IC5F3	C5K3-TPD-xx *	C5K3-TSD-xx *	C5K3-CPD-xx *	C5K3-CSD-xx *	3 Bay	C5F3-D	C5K3-D-TPD-xx *	C5K3-D-TSD-xx *	C5K3-D-CPD-xx *	C5K3-D-CSD-xx *

Frame Model & Finishing Kits compatible w/ Monitor Mounts					
Frame (31-1/2" Deep**)		Finishing Kit, Traditional Style		Finishing Kit, Contemporary Style	
# of Bays	Model	With Smoked Plexi Door(s)	With Solid Door(s)	With Smoked Plexi Door(s)	With Solid Door(s)
2 Bay	C5F2	C5K2-TPDMT-xx*	C5K2-TSDMT-xx*	C5K2-CPDMT-xx*	C5K2-CSDMT-xx*
3 Bay	C5F3	C5K3-TPDMT-xx*	C5K3-TSDMT-xx*	C5K3-CPDMT-xx*	C5K3-CSDMT-xx*

**Note: A complete system includes the frame & the finishing kit – when ordering a finishing kit the frame must also be ordered. \*\*Frame does not come with finishing kit.**

\*Replace 'xx' with DS = Darkstone, GS = Graystone, PS = Pepperstone, SG = Shark Gray, EA = Ebony Ash, WG = Wenge, DC = Dark Cherry, DP = Dark Pecan, AG = Aged Cherry, HM = Honey Maple, LW = Light Walnut, MP = Maple.

### STANDARD WORK SURFACE FINISHES





# C5 SERIES CREDENZA RACKS

## SINGLE & DUAL MOUNTS FOR C5 SERIES CREDENZA RACKS

Now you can easily mount large format monitors directly to C5 Series credenzas. Eliminates wall mounting and cable routing issues with built-in cable pathways.

- Accommodates most screens from 42" to 65" (dual) or 70" (single). Larger sizes available custom - please call
- Monitor height is adjustable and easy to level using the provided markings
- Optional camera mounts are ideal for videoconferencing systems. Cameras can be mounted above or below single monitors, or between dual monitors. Mounts are fully adjustable – choose from a large or small platform to match your camera unit size
- Includes cable clips for neat cable management into the credenza racks below
- Durable black powder coat finish

## C5 SINGLE AND DUAL LARGE FORMAT MONITOR MOUNTS

Part #*	Description	*MONITOR MOUNTS SOLD SEPARATELY. Requires pre-Machined Top (finishing kit) designated in finishing kit part # (EG: C5K2-CPDMMT-xx). Available for 2 & 3 bay C5 only.
C5MM1-4270S	fits 42" to 70" single monitor; accepts optional camera mounts	
C5MM1-4255D	fits 42" to 55" dual monitors; accepts optional camera mounts	
C5MM1-5665D	fits 56" to 65" dual monitors; accepts optional camera mounts	

## C5 UNIVERSAL CAMERA MOUNTS

Part #	Description	Shelf Size
C5CMTB-88	mounts to top or bottom of screens	8" x 8"
C5CMTB-128	mounts to top or bottom of screens	12" x 8"
C5CMM-88	mounts between dual screens	8" x 8"



3 bay credenza shown with **C5MM1-4255D** dual monitor mount

2 bay credenza shown with **C5MM1-4270S** single monitor mount

## C5 DEPTH EXTENDER

Install deeper equipment in C5 credenza racks with the C5 depth extender. The Depth Extender Kit is field-installable and extends the rear depth of any single bay of any standard depth C5 Credenza model to accommodate deeper components and their cables. The extender adds nearly 3" to the frame's useable depth (while staying within the overall depth of the wood surface) and accommodates the unit's standard rear panel. Fits all models and installs with an included wrench.

Part #	Shown in gray for clarity
C5-EXT*	
*Fits standard depth C5 only	



## OPTIONS FOR 31-1/2" DEEP CREDENZA RACKS

		
<b>12 Space Rotating Sliding Rail System</b>	<b>Flip-Up Side Shelf Contemporary Style</b>	<b>Flip-Up Side Shelf Traditional Style</b>
C5D-SRSR12**	C5D-SDSH-Cxx*	C5D-SDSH-Txx*

\*\*Note: weight capacity is 125 lbs.

\*Replace 'xx' with DS = Darkstone, GS = Graystone, PS = Pepperstone, SG = Shark Gray, EA = Ebony Ash, WG = Wenge, DC = Dark Cherry, DP = Dark Pecan, AG = Aged Cherry, HM = Honey Maple, LW = Light Walnut, MP = Maple.

## MILLWORK KIT

A complete kit to facilitate the creation of custom millwork.

This kit includes all required drawings in electronic format, and all of the required mounting and assembly hardware (handles/pulls not included).

Part #	For Use With
C5-MK1	standard and deep 1 bay C5 frame
C5-MK2	standard and deep 2 bay C5 frame
C5-MK3	standard 3 bay C5 frame
C5-MK3-D	deep 3 bay C5 frame



# RACKLINK™ NETWORKED POWER MANAGEMENT SYSTEM



RLNK-SW415R-SP

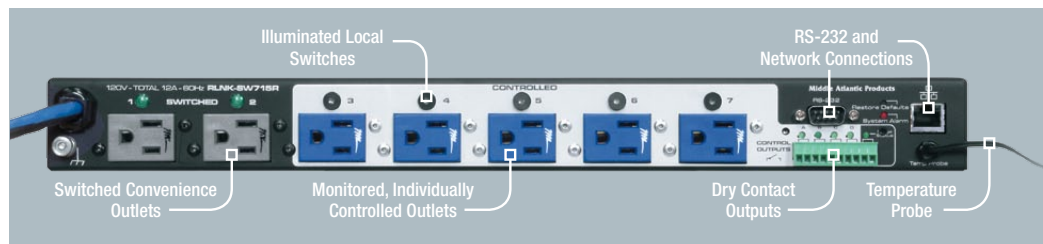
RLNK-SW715R-NS

Now includes programmable sequencing and series protection!

## RACKLINK™ NETWORKED POWER MANAGEMENT SYSTEM

The RackLink™ Power Management System provides integrators with real-time visibility and control over the power distribution and status of any installation from anywhere in the world. It is designed to help ensure system reliability and uptime through the use of intuitive setup and operation, pre-emptive problem notification and automatic problem resolution. IP-enabled controls are accessible locally, over the web, and through available apps for iPhone®, iPad, and Android™ mobile devices. Several models provide additional functionality and installation flexibility, adding valuable choices to the existing range of available RackLink models, including:

- Series surge protection (non-sacrificial, non-degrading)
- Integrated sequencing with user defined sequence profile
- Auto-shutdown in on over or under voltage events with automatic recovery
- Front panel control of individual outlets, along with a 'disable' function to prevent unauthorized access
- Emergency Power Off with Automatic Recovery Option
- More controlled outlets than previous models
- "Half-rack" size model that fits in compact locations – including the HRF Series racks as well as any small available spaces in a rack installation or on the back of a VisionFrame™ monitor wall



RLNK-SW715R  
Rear View



"Half-rack" size **RLNK-SW415R-SP**  
fits in the new HRF Series racks

Part #	Form Factor	Max Load	Rated Load	Surge Protection	Sequencing	# of Outlets		Controlled Dry Contacts	Integrated Web Server
						Total	Controlled		
RLNK-MON115-NS	In-Line Module	15A	12A	Basic	No	1	0	0	Yes
RLNK-MON120-NS	In-Line Module	20A	16A	Basic	No	1	0	0	Yes
RLNK-SW215-NS	In-Line Module	15A	12A	Basic	No	2	1	1	Yes
RLNK-SW220-NS	In-Line Module	20A	16A	Basic	No	2	1	1	Yes
RLNK-SW715R	Rackmount	15A	12A	2-Stage	No	7	5	4	Yes
RLNK-SW715R-NS	Rackmount	15A	12A	Basic	No	7	5	5	Yes
RLNK-SW620R	Rackmount	20A	16A	2-Stage	No	6	4	4	Yes
RLNK-SW620R-NS	Rackmount	20A	16A	Basic	No	6	4	5	Yes
RLNK-SW415R-SP	Half-Rack	15A	12A	Series	Yes	4	4	2	Yes
RLNK-SW815R-SP	Rackmount	15A	12A	Series	Yes	8	8	2	Yes
RLNK-SW820R-SP	Rackmount	20A	16A	Series	Yes	8	8	2	Yes



## SERIES PROTECTION™ POWER DISTRIBUTION WITH INSTANTANEOUS SURGE ELIMINATION

Surge protection is a critical element in ensuring overall system reliability. While MOV-based surge suppression technology is a proven & cost effective solution for many installations, over time and under the right circumstances the protection provided by poorly designed MOV-based surge protectors can be compromised, or under extreme circumstances fail completely, leaving connected equipment vulnerable to damage. For critical applications, many professional installers and consultants prefer to use or specify non-degrading (series-type) surge technology. Series-type surge suppressors are designed to withstand multiple high voltage surges for the lifetime of the product, and do not depend on any degrading materials in their design.

- Industry's fastest patent-pending non-degrading surge technology protects equipment from damage without contaminating system ground – and features industry leading 12 year warranty
- All models 100% MOV-free design – unlike any competitive offering
- Connected devices are automatically disconnected (protected) from sustained over – and under voltage events
- Automatic recovery after an over/under voltage event minimizes system downtime (unlike devices that require hard reset after a surge event)



### Rackmount Power Distribution with Series Protection™ Technology

Rackmount models that are designed for rackmounting in a standard 19" enclosure. These models are available in 15 and 20A with 9 total outlets (8 rear, 1 front) for larger systems.



### Hardwired Power Distribution with Series Protection™ Technology

Introducing the industry's first hardwired power distribution with Series type surge protection. 15A unit features a compact form factor offering flexible mounting options.



### Half Rack Power Distribution with Series Protection™ Technology

This model makes it ideal for installation in half-width racks like the Middle Atlantic HRF Series. Rack ears can be removed for installation vertically between rackmounted equipment and the side of a rack, or other space-restricted areas.

Part #	Circuits	Rated Load	Spec Grade Output Type	Illuminated Combo Breaker ON/OFF	Outlets			Protection		
					Total	Rear	Front	Surge	Overload	Over/Under Voltage Notification LED
PD-915R-SP	1	15A	Duplex on rear, single on front	Rear (with bar)	9	8	1	Series Protection	supplementary overload protector	Two LEDs. • Over voltage • Under voltage • Default=Off
PD-920R-SP	1	20A	Duplex on rear, single on front	Rear (with bar)	9	8	1			
PD-415R-SP	1	15A	Duplex – rear only	Side (with bar)	4	4	0			
PD-420R-SP	1	20A	Duplex – rear only	Side (with bar)	4	4	0			
PD-HW20-SP	1	20A	Internal J-Box w/ cover & knockout	N/A	N/A	N/A	N/A		None	

# NEXT GENERATION MPR SERIES MODULAR POWER RACEWAY SYSTEM

## IMPROVED DESIGN

### NEED DESIGN HELP?

Visit our website to download the MPR Series Worksheet and RackTools®.



## DELIVERING MORE MORE CAPACITY AND EASIER INSTALLATION

Many customers use our MPR Series modular power system to create a custom power strip with exactly the functions they need for an installation. No other system lets users plug together the modules they want, from 15 to 30 Amp outlets to advanced remotely controlled power modules – even sequencing controllers are available in this versatile system – and still retain full ETL Listing. But even great products can sometimes be improved – so Middle Atlantic is pleased to introduce the newly redesigned MPR Series product line.

## MODULAR POWER RACEWAYS



Part #	Chassis Length	Useable Module Mounting Space Using Integral J-Box	Useable Module Mounting Space Using Optional J-Box
MPR-3A	32"	24"	32"
MPR-6A	56"	48"	56"
MPR-8A	72"	64"	72"
MPR-9A	80"	72"	80"

## CONTROLLED MODULES



RLM-15A



RLM-20IGA



MPR-SEQA

Part #	Module Size	Description
RLM-15A	8"	15A controlled module
RLM-20A	8"	20A controlled module
RLM-20IGA	8"	20A isolated ground controlled module
FC-4A	8"	thermostatic fan control module [(4) 1-15R fan receptacles]
MPR-SEQA	8"	6 step sequencing controller, contact closure control

## STAND-ALONE MODULES



RLM-20-1CA



FC-4-1CA



MPR-SEQ-1CA

Part #	Description
RLM-15-1CA	stand-alone 15A controlled module, 9' cord
RLM-20-1CA	stand-alone 20A controlled module, 9' cord
FC-4-1CA	stand-alone thermostatic fan control [(4) 1-15R receptacles], 9' cord
FC-2-215-1CA	stand-alone thermostatic fan control [(2) 1-15R fan receptacles, (2) 5-15R always on fan receptacles], 9' cord
MPR-SEQ-1CA	stand-alone 6 step sequence controller, contact closure control, 9' cord

## 30A CONTROLLED MODULE

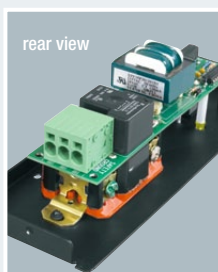
30A RLM is an extension of our existing RLM and control units already available for the MPR line. It is essentially a "module" version of the existing RLM30-L530-1 (stand-alone unit) with many of the same features and benefits.

- Single 30 Amp, Isolated Ground, Twist Lock Receptacle, 8" module size
- Status switch to turn on, off and "auto" (to enable dry contact control)
- LEDs to notify user of module status
- Dry contacts for status and control
- Hardwired only

Part #*	Description
RLM-30TL-HWIGA	MPR 30A isolated ground controlled module



RLM-30TL-HWIGA



rear view

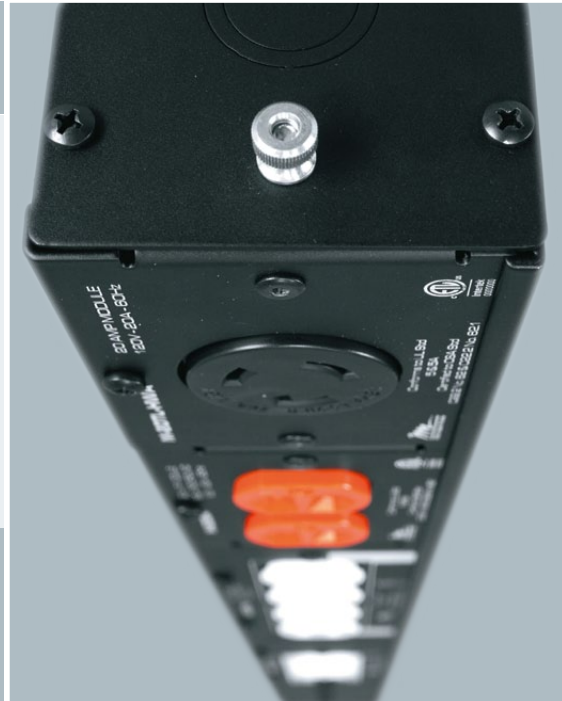


# NEXT GENERATION MPR SERIES MODULAR POWER RACEWAY SYSTEM

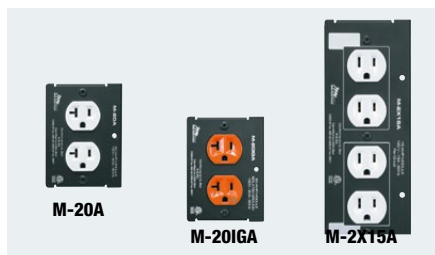
This improved design is based on a deeper raceway that has several advantages over the previous design, including:

- Increased circuit capacity
- Improved mounting system for installation flexibility
- No “crossbars” so loading & making changes is much easier
- Fast, effective module mounting with minimal hardware
- Ability to use different module sizes, in any desired order
- Modules available in 8” and 4” sizes
- Blank covers available in 8”, 4”, and 2” sizes

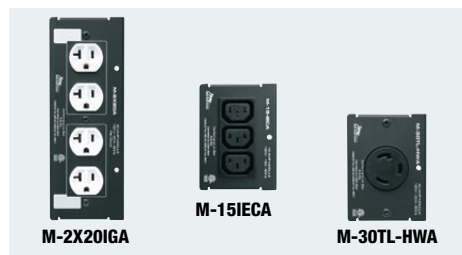
The improved offering includes junction box choices and knockouts to match the installation electrical connection needs. Custom markings are available; contact us for details.



## ALWAYS ON MODULES

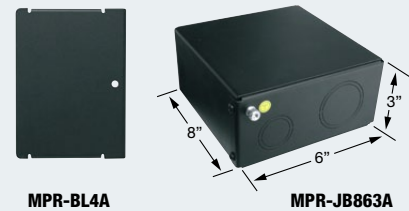


Part #	Module Size	Description
M-15A	4"	15A duplex module
M-20A	4"	20A duplex module
M-20IGA	4"	20A duplex isolated ground module
M-2X15A	8"	15A double duplex module
M-2X20A	8"	20A double duplex module



Part #	Module Size	Description
M-2X20IGA	8"	20A double duplex isolated ground module
M-15IECA	4"	15A 3-gang IEC module
M-20IECA	4"	20A 1-gang IEC module
M-20TL-HWA	4"	20A twist lock L5-20R (hardwired only)
M-30TL-HWA	4"	30A twist lock L5-20R (hardwired only)

## BLANK COVERS & JUNCTION BOXES



Part #	Description
MPR-BL2A	2" blank cover for MPR raceway - sold in packs of 2
MPR-BL4A	4" blank cover for MPR raceway - sold individually
MPR-BL8A	8" blank cover for MPR raceway - sold individually
MPR-JB663A	optional 6" x 6" x 3" J-Box
MPR-JB843A	optional 8" x 4" x 3" J-Box
MPR-JB853A	optional 8" x 5" x 3" J-Box
MPR-JB863A	optional 8" x 6" x 3" J-Box

## NEUTRIK POWERCON MODULE

Neutrik® powerCON connectors are used extensively for powering devices such as amplifiers within a rack. This product is the direct result of numerous requests from integrators and consultants to include these types of connectors into our existing MPR offering.

- Two models; 20 Amp and 30 Amp rated receptacles, 4" module size
- Compatible with all standard Neutrik powerCon plugs (excluding the TRUE1 series)
- The 20 Amp version has the standard MPR module connectivity options
- The 30 Amp version is hardwired only

Part #*	Description
M-PCON-20A	MPR 20 Amp powerCON module
M-PCON-30HWA	MPR 30 Amp powerCON module



M-PCON-30HWA rear view

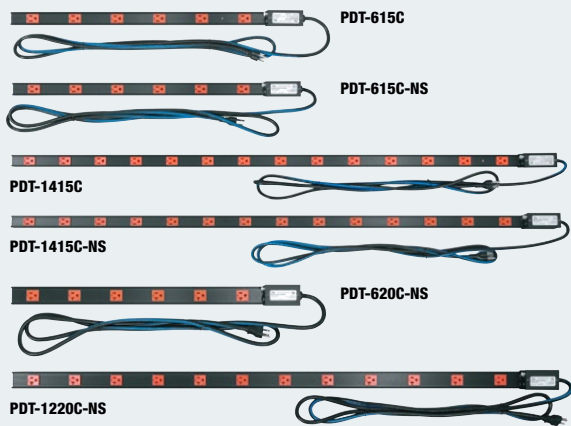


M-PCON-20A

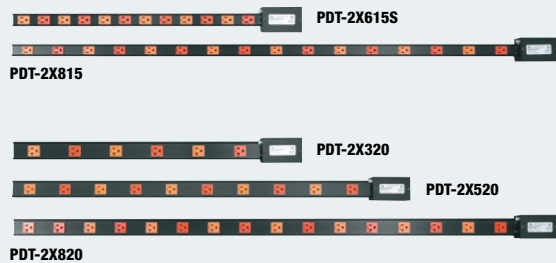


M-PCON-30HWA

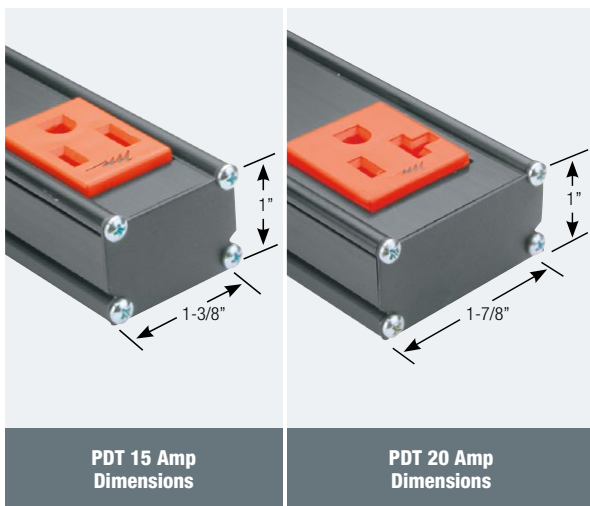
# PDT SERIES THIN POWER STRIPS



## CORDED



## HARDWIRED



PDT 15 Amp Dimensions

PDT 20 Amp Dimensions

## PDT STRIPS ARE NOW AVAILABLE FOR EVERY RACK SYSTEM

PDT Series Thin Power Strips take up minimal space inside a rack and feature a unique design that allows for isolated ground configurability. Dual circuit models can be configured to operate as a single circuit and all models are factory assembled for easy installation.



- Unique design allows for isolated ground configurability in the field
- Saves time - ships fully assembled with all needed accessories including cable management clips
- Easy to order – a single part number includes all needed accessories
- Small size uses a minimum of space
- Mounts easily with provided clips
- 15 Amp models are prewired with 12-gauge wiring and can be attached to a 20 Amp branch circuit
- Dual circuit models can be field configured to operate as a single circuit
- Surge protected models include LEDs for convenient local status indication, and also have dry contact closure for remote status notification
- Outlets are spaced to provide enough room for plug-in power supplies
- Top feed models with J-Box on the top of the power strip, available to meet code requirements in select areas
- Metered models include high visibility red LED display; indicates current to tenths of Amps
- Corded models feature SignalSAFE™ cords to virtually eliminate AC magnetic fields
- NRTL Listed in the US and Canada

## STANDARD TERMINATIONS



NEMA 5-15R

15 Amp Models



NEMA 5-20R

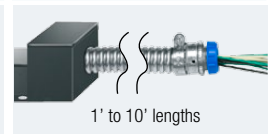
Most 20 Amp Models



NEMA L5-20P

Select 20 Amp Models

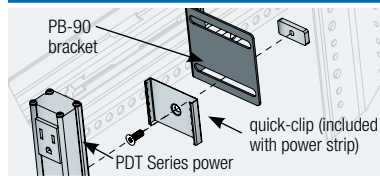
## OPTIONAL TERMINATIONS FOR HARDWIRED MODELS



1/2" Flex

Flexible Cable Available on Request

## FLEXIBLE MOUNTING



Mounts to the sides of most racks, with included quick clips.

Can be oriented towards the front or back with optional PB-90 brackets.

## PDT SERIES ENHANCED POWER STRIP CAPABILITIES

All models include local circuit breaker.

- Surge-protected models include LEDs for convenient local status indication, and also have dry contact closure for remote status notification
- Metered models include high-visibility red LED display; indicates current to tenths of Amps



**PDT-1015C-M-NS**  
PDT Series with local Amp meter



**PDT-1015C-RN**  
PDT Series with 2-stage surge/spike protection



**PDT-1620C-NS**  
PDT Series high density with 16 outlets

# PDT SERIES THIN POWER STRIPS

## THE INDUSTRY'S LIGHTEST, THINNEST, MOST EASILY INSTALLED POWER STRIPS

	Part #	Chassis Style	Chassis Length	Rated Amperage	# of Outlets	Termination	Protection	Fits Racks Coded	Local Meter	Standard Number
<b>Corded</b>	PDT-615C	PDT	30"	15A	6	9' cord	single stage surge, EMI, circuit breaker	<b>E</b>	No	1, 2, 3, 4
	PDT-615C-NS	PDT	30"	15A	6	9' cord	circuit breaker only	<b>E</b>	No	1, 3
	PDT-1015C-RN	PDT	37-3/4"	15A	10	9' cord	2-stage surge w/remote notification & circuit breaker	<b>G</b>	No	1, 2, 3, 4
	PDT-1015C-NS	PDT	37-3/4"	15A	10	9' cord	circuit breaker only	<b>G</b>	No	1, 3
	PDT-1015C-NS20	PDT	37-3/4"	15A	10	20' cord	circuit breaker only	<b>G</b>	No	1, 3
	PDT-1015C-M-NS	PDT	37-3/4"	15A	10	9' cord	circuit breaker only	<b>G</b>	Yes	1, 3
	PDT-1415C	PDT	60"	15A	14	9' cord	single stage surge, EMI, circuit breaker	<b>N</b>	No	1, 2, 3, 4
	PDT-1415C-NS	PDT	60"	15A	14	9' cord	circuit breaker only	<b>N</b>	No	1, 3
	PDT-1615C-NS	PDT	33-1/2"	15A	16	9' cord	circuit breaker only	<b>E</b>	No	1, 3
	PDT-2015C-RN	PDT	72-3/4"	15A	20	9' cord	2-stage surge w/remote notification & circuit breaker	<b>T</b>	No	1, 2, 3, 4
	PDT-2015C-NS	PDT	72-3/4"	15A	20	9' cord	circuit breaker only	<b>T</b>	No	1, 3
	PDT-2015C-M-NS	PDT	72-3/4"	15A	20	9' cord	circuit breaker only	<b>T</b>	Yes	1, 3
	PDT-620C-NS	PDT	30"	20A	6	9' cord	circuit breaker only	<b>E</b>	No	1, 3
	PDT-1020C-NS	PDT	37-3/4"	20A	10	9' cord	circuit breaker only	<b>G</b>	No	1, 3
	PDT-1220C-NS	PDT	60"	20A	12	9' cord	circuit breaker only	<b>N</b>	No	1, 3
	PDT-1620C-NS	PDT	33-1/2"	20A	16	9' cord	circuit breaker only	<b>E</b>	No	1, 3
	PDT-2020C-NS	PDT	72-3/4"	20A	20	9' cord	circuit breaker only	<b>T</b>	No	1, 3
	PDT-2020C-RN	PDT	72-3/4"	20A	20	9' cord	2-stage surge w/remote notification & circuit breaker	<b>T</b>	No	1, 2, 3, 4
	PDT-2020C-M-NS	PDT	72-3/4"	20A	20	9' cord	circuit breaker only	<b>T</b>	Yes	1, 3
	PDT-2020TL-NS	PDT	72-3/4"	20A	20	9' cord, twistlock plug	circuit breaker only	<b>T</b>	No	1, 3
	PDT-2020TL-M-NS	PDT	72-3/4"	20A	20	9' cord, twistlock plug	circuit breaker only	<b>T</b>	Yes	1, 3

1. Conforms to UL Standard 1363

2. Conforms to UL Standard 1449, 3rd Ed.

3. Certified to CSA Standard C22.2 No. 21

4. Certified to CSA Standard C22.2 No. 8

	Part #	Chassis Style	Circuits/ Rated Amperage	# of Outlets	Chassis Length	Termination	Wire Gauge	Isolated (Technical) Ground	Fits Racks Coded
<b>Hardwired</b>	PDT-2X615S	PDT	(2) 15A	12	30"	J-Box	12	Field Configurable	<b>E</b>
	PDT-2X815	PDT	(2) 15A	16	60"	J-Box	12	Field Configurable	<b>N</b>
	PDT-2X1015	PDT	(2) 15A	20	72-3/4"	J-Box	12	Field Configurable	<b>P</b>
	PDT-2X1015T	PDT	(2) 15A	20	72-3/4"	J-Box	12	Field Configurable	<b>P</b>
	PDT-2X320	PDT	(2) 20A	6	30"	J-Box	12	Field Configurable	<b>E</b>
	PDT-2X520	PDT	(2) 20A	10	44"	J-Box	12	Field Configurable	<b>J</b>
	PDT-2X820	PDT	(2) 20A	16	60"	J-Box	12	Field Configurable	<b>N</b>
	PDT-2X1020	PDT	(2) 20A	20	72-3/4"	J-Box	12	Field Configurable	<b>P</b>
	PDT-2X1020T	PDT	(2) 20A	20	72-3/4"	J-Box	12	Field Configurable	<b>P</b>

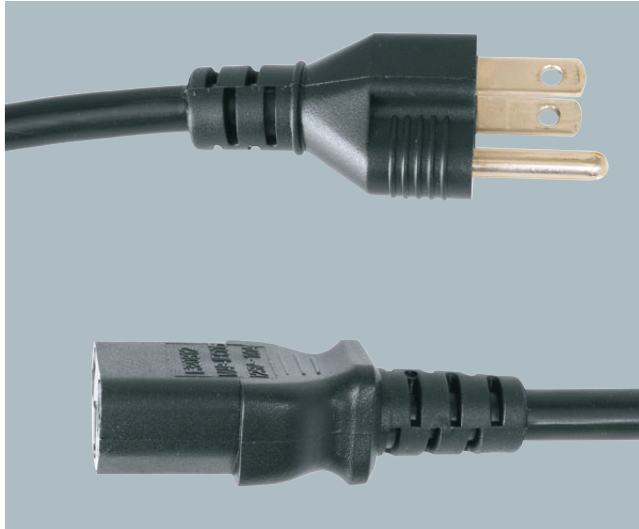
**1/2" Flex Cable available on request (1'-10' length)**

The chart below helps to explain the different features of the PDT Series Power strip.

Part # Ending In	Description
- RN	2-stage surge protection and remote notification
- NS20	Does not include surge protection; includes 20' SignalSAFE™ power cord
- M-NS	Metered – no surge
T	J-Box is located at the top, instead of the bottom of the power strip
- NS	Does not include surge protection



# STANDARD IEC CORDS AND “MINI” PD POWER STRIP

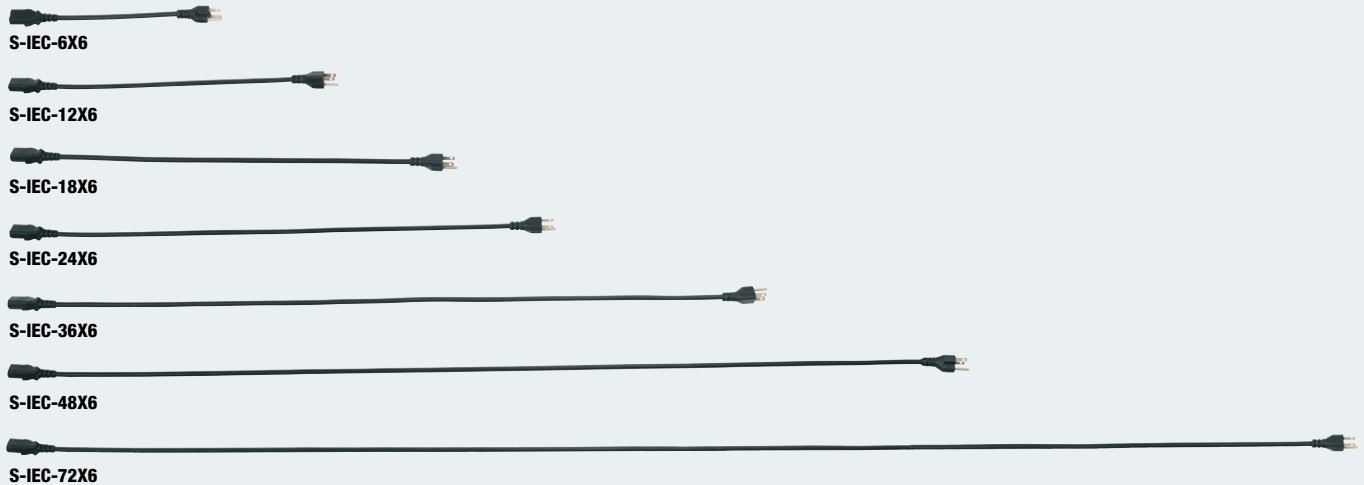


## STANDARD IEC CORDS

Economical IEC cords are priced to fit tight budgets. With the introduction of new standard IEC cords, Middle Atlantic now offers the widest selection of IEC cords in the industry. A great new choice for those situations when the higher current capacity and signal isolation qualities of our SignalSAFE™ IEC cords are not required.

Perfect for standard digital AV equipment, networking switches/routers, and other similar applications.

- Competitive price, with trusted Middle Atlantic quality
- Designed and packaged for Integrator convenience
- The widest selection of IEC cord lengths in the AV industry
- Industry-standard 18 AWG conductors with 10A max current rating



6" Length Part #	12" Length Part #	18" Length Part #	24" Length Part #	36" Length Part #	48" Length Part #	72" Length Part #	Qty	Connector Type	Wire Gauge	Plug Type
S-IEC-6X6	S-IEC-12X6	S-IEC-18X6	S-IEC-24X6	S-IEC-36X6	S-IEC-48X6	S-IEC-72X6	6	IEC 60320-1/C13	18	Straight
S-IEC-6X20	S-IEC-12X20	S-IEC-18X20	S-IEC-24X20	S-IEC-36X20	S-IEC-48X20	S-IEC-72X20	20	IEC 60320-1/C13	18	Straight
S-IEC-6X100	S-IEC-12X100	S-IEC-18X100	S-IEC-24X100	S-IEC-36X100	S-IEC-48X100	S-IEC-72X100	100	IEC 60320-1/C13	18	Straight



## “MINI” PD SLIM POWER STRIP

This PD slim power strip was designed for use in the HRF Series half-racks but it can be used anywhere a small power strip is needed. Don't be fooled by its small size, this strip was engineered and manufactured for professional use.

It features our best SignalSAFE™ power cord to eliminate electromagnetic interference, an external bonding screw terminal, built-in circuit breaker protection, and carries our full 3 year professional warranty.

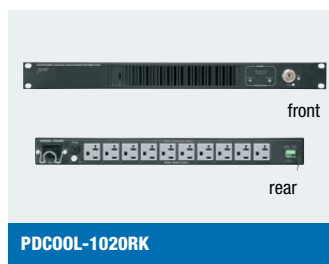
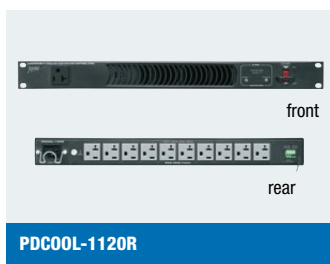
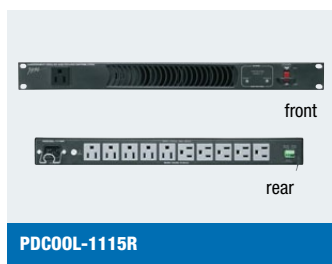
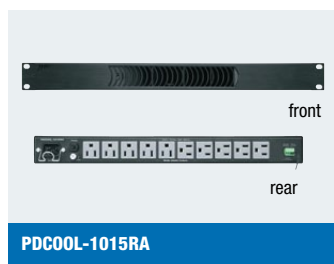
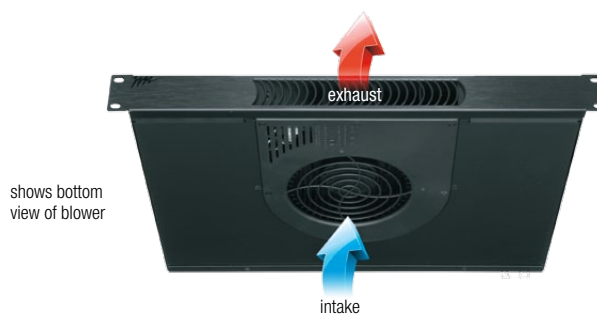
Part #	Chassis Style	Chassis Length	Amps	Outlets	Outlet Type	Termination	Protection	Local Meter	Standards Number
PD-715SC-NS	PD Slim	13"	15	7	5-15R	10' cord w/NEMA 5-15P	circuit breaker only	No	1,3



## POWER AND COOLING SOLUTION IN ONE

New PowerCool™ line provides integrated rackmount power distribution and cooling solution in convenient one rackspace package.

- Blower exhausts 50 CFM while providing high static pressure to maintain airflow
- Ultra quiet operation with a unique space saving design
- Thermal sensing with proportional blower speed
- Multi-stage surge protection with surge status notification
- Multiple models for residential and commercial applications
- Key-lock switch model for additional security



Part #	Racking Height	Description	Rated Amperage	Total #of Outlets	Free Air Rating	Max Sound Level
PDCOOL-1015RA	1-3/4" (1 rackspace)	black brushed and anodized	15A	10	50 CFM	29 dB
PDCOOL-1115R	1-3/4" (1 rackspace)	front convenience outlet, flat black	15A	11	50 CFM	29 dB
PDCOOL-1120R	1-3/4" (1 rackspace)	front convenience outlet, flat black	20A	11	50 CFM	29 dB
PDCOOL-1020RK	1-3/4" (1 rackspace)	front key switch, flat black	20A	10	50 CFM	29 dB

## 50 CFM COMPONENT COOLER

Powerful & quiet way to remove heat from system components on open shelving or in racks

- High 50 CFM maximum flow rate to meet demanding requirements
- Blower design provides high static pressure to overcome flow restrictions
- Designed to pull hot air up out of a component and direct it where desired



### STAND-ALONE VERSION



- Ideal for cooling one component
- Sits directly on top-vented equipment
- Pulls hot air out of vent and directs it where desired

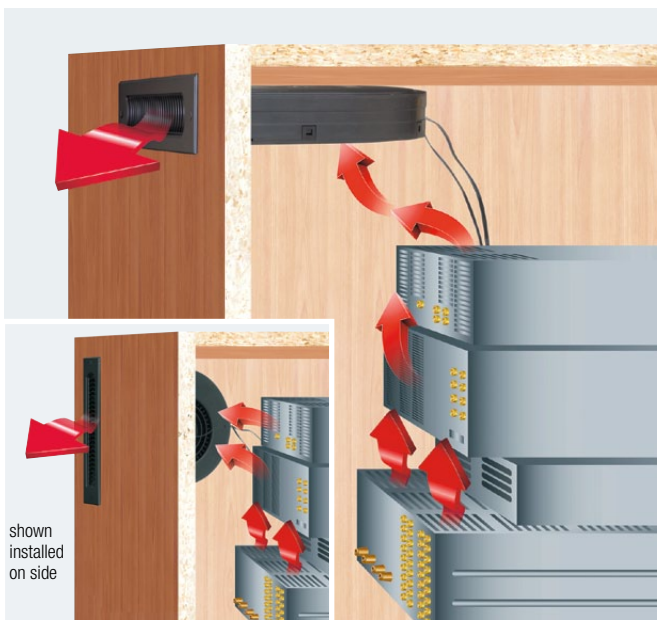
### PLATFORM VERSION



- Ideal for cooling stacked components
- Sits directly on top of a hot component, supporting add'l components
- 17" by 14" platform can be oriented with long or short face forward

120V Part #**	Description	Free Air Rating	Max Sound Level
COMP-COOL50	stand-alone component cooler	50 CFM	29 dB
COMP-COOL50P	platform component cooler	50 CFM	29 dB

**\*\*international versions available**



## 50 CFM CABINET COOLER

The 50 CFM cabinet cooler is a powerful and quiet way to remove heat from credenzas, lecterns, and entertainment centers. This is the first and only 50 CFM blower-style cabinet cooler on the market.



- Provides high static pressure to overcome flow restrictions
- Low profile design, the cabinet cooler is only 2" thick
- Intelligent proportional speed controller which runs only when needed
- Low 29 dB max sound level at full speed



120V Part #**	Description	Free Air Rating	Max Sound Level
CAB-COOL50	cabinet cool system	50 CFM	29 dB

**\*\*international versions available**

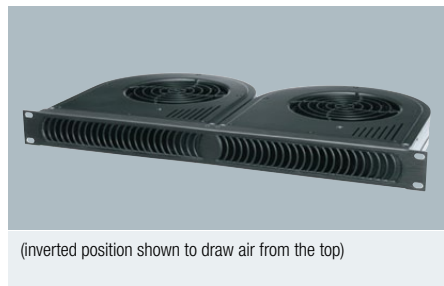




## QUIET BLOWER PANEL

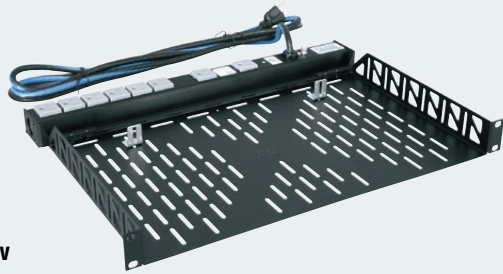
The QBP-2 is very quiet, yet puts out 100 CFM, more than any other 1 space fan panel. This unit uses a pair of our custom-designed blowers in a single rackspace.

- For smaller rack systems & credenzas where space is at a premium and quiet operation is a must
- Quiet even at full speed; proportional speed assures the quietest operation possible
- Low power consumption; blower only runs as needed and spins as fast as required by the heat load presented
- Proprietary blowers provide high static pressure to maintain airflow even in crowded racks. Superior to axial fans for maintaining airflow in restricted conditions
- Attractive appearance complements finished rack appearance



120V Part #**	Racking Height	Finish	Free Air Rating	Max Sound Level
QBP-2	1-3/4" (1 rackspace)	flat black	100 CFM	32 dB
QBP-2A	1-3/4" (1 rackspace)	black anodized	100 CFM	32 dB

\*\*220V international versions available



U1V

## FULLY VENTED UTILITY SHELVES

Convenient one-space shelf has high-performance features

- Available in one space size for smaller electronic components
- Fully ventilated bottom and side areas for maximizing heat dissipation
- Includes 3 adjustable brackets to prevent components from sliding backwards
- Optional PD-815SC-PBSH (15 Amp, 8 outlet surge protected power strip) attaches easily to the rear of the shelf
- Optional clamping bars can be used to secure component

Part #	Racking Height	Overall Depth*	Useable Depth	Weight Capacity
U1V	1-3/4" (1 rackspace)	10-3/4"	10-3/8"	35 lbs.

\*Power strip on rear adds 2" overall depth of shelf



U4V-4

## UV4 CONTRACTOR PACKS

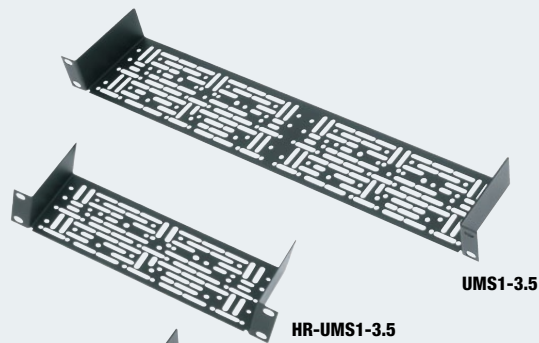
Convenient package saves space and waste

- Includes four vented shelves
- Ideal for installations that require multiple shelves
- Saves time and space, with less packaging



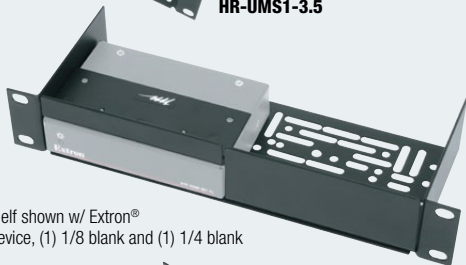
Part #	Racking Height	Overall Depth*	Useable Depth	Pre-Pack Qty	Weight Capacity
U1V-4	1-3/4" (1 rackspace)	10-3/4"	10-3/8"	4	35 lbs.
U2V-4	3-1/2" (2 rackspace)	14-9/16"	10-3/8"	4	50 lbs.
U3V-4	5-1/4" (3 rackspace)	14-9/16"	10-3/8"	4	70 lbs.
U4V-4	7" (4 rackspace)	15-1/2"	10-3/8"	4	85 lbs.

\*Power strip on rear adds 2" overall depth of shelf

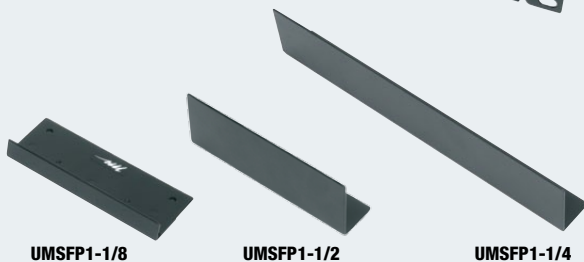


UMS1-3.5

HR-UMS1-3.5



1/2 width shelf shown w/ Extron®  
1/8 space device, (1) 1/8 blank and (1) 1/4 blank



UMSFP1-1/8

UMSFP1-1/2

UMSFP1-1/4

## UNIVERSAL MOUNTING SHELF

- These shelves are designed to hold small devices with nearly any mounting screw hole pattern
- Models available for both Half (10.4") and Full (19") width racks
- Universal pattern includes counter-sunk holes to match popular Extron® devices

Full Width Part #	Half Width Part #	Racking Height	Depth	Finish
UMS1-3.5	HR-UMS1-3.5	1-3/4" (1 space)	3.5"	black powder coat
UMS1-5.5	HR-UMS1-5.5	1-3/4" (1 space)	5.5"	black powder coat
UMS1-11.5	HR-UMS1-11.5	1-3/4" (1 space)	11.5"	black powder coat

## UNIVERSAL MOUNTING SHELF KITS

Convenient full-width (19") shelf kits include one shelf plus three partial blank panels (one each: 1/8, 1/4, and 1/2) and hardware.

Part #	Racking Height	Depth	Finish
UMS1-3.5K	1-3/4" (1 space)	3.5"	black powder coat
UMS1-5.5K	1-3/4" (1 space)	5.5"	black powder coat
UMS1-11.5K	1-3/4" (1 space)	11.5"	black powder coat

## OPTIONAL FILLER BLANK PANELS

- Individual blank panels improve finished appearance and support proper thermal management
- 1/8 space version mounts w/tape, 1/4 & 1/2 versions use 4-40 screws (supplied)

Part #	Description	Finish
UMSFP1-1/2	1 space, 1/2 rack filler blank panel	black powder coat
UMSFP1-1/4	1 space, 1/4 rack filler blank panel	black powder coat
UMSFP1-1/8	1 space, 1/8 rack filler blank panel	black powder coat

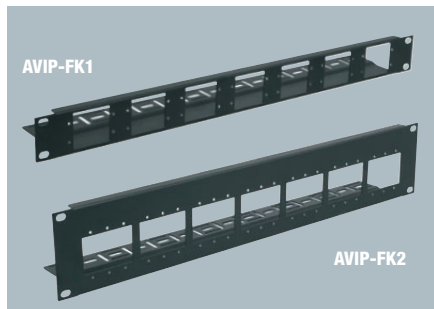


Supports industry standard device plates and accepts:

- Wiremold® AVIP – Audio/video interface plates
- Extron® MAAP – Mini Architectural Adapter Plates
- FSR® IPS – Intelligent Plate Solutions

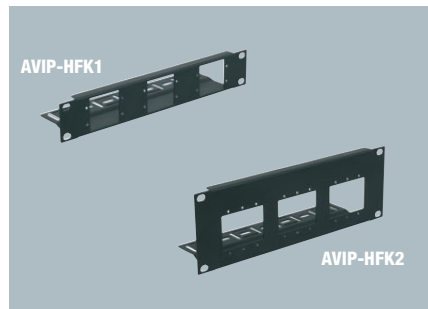
## AVIP 10" AND 19" RACKMOUNT PANELS AND UCP ADAPTER

- Modular connector panel provides rackmount connectivity without the wait or expense of custom panels
- Hinged/swing-out version allows ease of installation and servicing with easy access to cable management
- 2 space panels allow ample room for labeling device plate either above or below
- Supports industry standard device plates



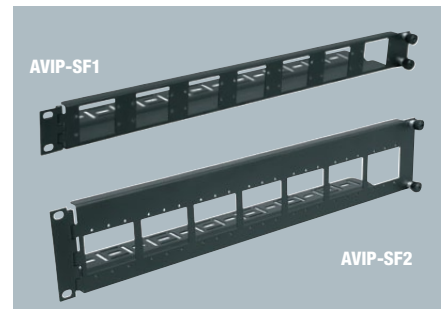
### 19" Wide Fixed Panels

Available in 1 and 2 space panels with rear cable management optimized for device plates.



### Half Rack Fixed Panels

1 and 2 space panels available in 10" widths.

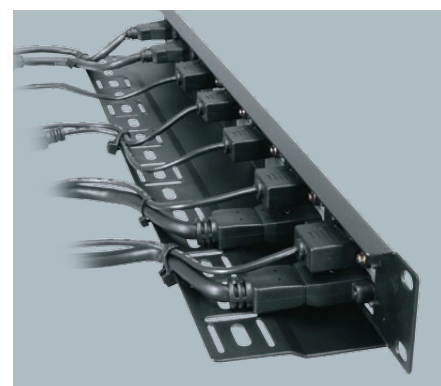


### Hinged/Swing-Out Panels

Hinged/swing-out versions open and close, allowing ease of servicing and installation.

Part #	Description	Width	Device Plate Orientation	# of Plates Accepted
AVIP-FK1	1 space fixed panel	19"	horizontal	14 single or 7 dual
AVIP-HFK1	1 space fixed panel	10"	horizontal	6 single or 3 dual
AVIP-FK2	2 space fixed panel	19"	vertical	21 single, 7 dual, or 7 triple
AVIP-HFK2	2 space fixed panel	10"	vertical	9 single, 3 dual, or 3 triple
AVIP-SF1*	1 space swing-out panel	19"	horizontal	14 single or 7 dual
AVIP-SF2*	2 space swing-out panel	19"	vertical	21 single, 7 dual, or 7 triple
AVIP-UCP	single UCP module	–	vertical	3 single, 1 dual, or 1 triple

\*Product Includes 10-32 thumb nuts.



Strain relief and cable management optimized for device plates



## DESIGNER 4.3 NOW AVAILABLE



### 4.3 SOFTWARE UPDATE

Designer is the easy, free 3D layout and specification package that is leading the industry in Consoles, Video Walls, and Room Layouts. If you are already using Designer, the new update will happen automatically when it is available. If you are a new user, this new version is ready for download and use.

The Designer software lets you lay out a room in minutes, and does the hard work for you, creating a dynamic 3D image, specification document and retail quotation at the same time. This new release is the best ever, and includes many improvements, including:

### PRODUCT ADDITIONS

- VisionFrame™
  - Rackrail and panel mounts
  - Desk mount and power strips
  - Ability to add dimensions to bottom of the screen and correct the foot length
- C5 Series Rack Credenzas
  - Deeper version and new options
- MRK Series NVR and DVR configured racks
- UPS-1000R for use in the console (top mount only), racks and credenza
- ViewPoint™ Console Systems
  - Radial Binder Storage Cabinet
  - Ability to resize monitors on mounts on consoles
  - Sit/Stand Capabilities
  - Large format monitor mount system
  - Freestanding, matching storage cabinet
  - 6 space turrets
  - Power strips for consoles
  - New chairs (incl. a no-cost customer supplied chair)
  - Improved monitor mounting locations
  - Angled 'low-profile' Single and dual monitors



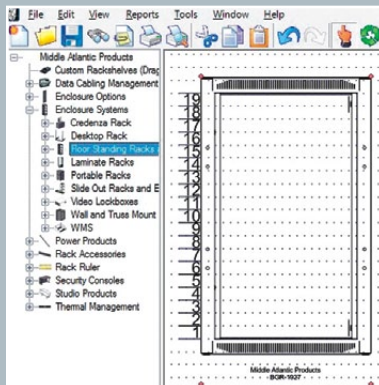
### FUNCTIONALITY IMPROVEMENTS

- Save drawings as Adobe Acrobat® pdf file
- Ability to type in dimensions of Room elements (Windows, Walls, etc.)
- Addition of 'Riser' element
- Ability to switch between English and Metric dimensions
- Easier to read dimensions – with the ability to 'turn off' the dimensioning on individual items to improve clarity
- A standing/sitting woman have been added

## RACKTOOLS® MAKES CONFIGURING YOUR RACKS EASIER

RackTools®, the industry's leading free rack design tool, strives to make the process of configuring your racks as easy as possible.

Rack Ruler, a handy tool offered in RackTools, can be used to help guide your designs to be accurate and efficient. While the ability to have Rack Ruler on rack designs is not new, the usability has been improved!



## RACKTOOLS® SPEC. SOFTWARE

Rack Ruler shows up automatically when you begin the rack configuration process. Don't want Rack Ruler to be visible? No problem. Simply select the Rack Ruler and press delete.

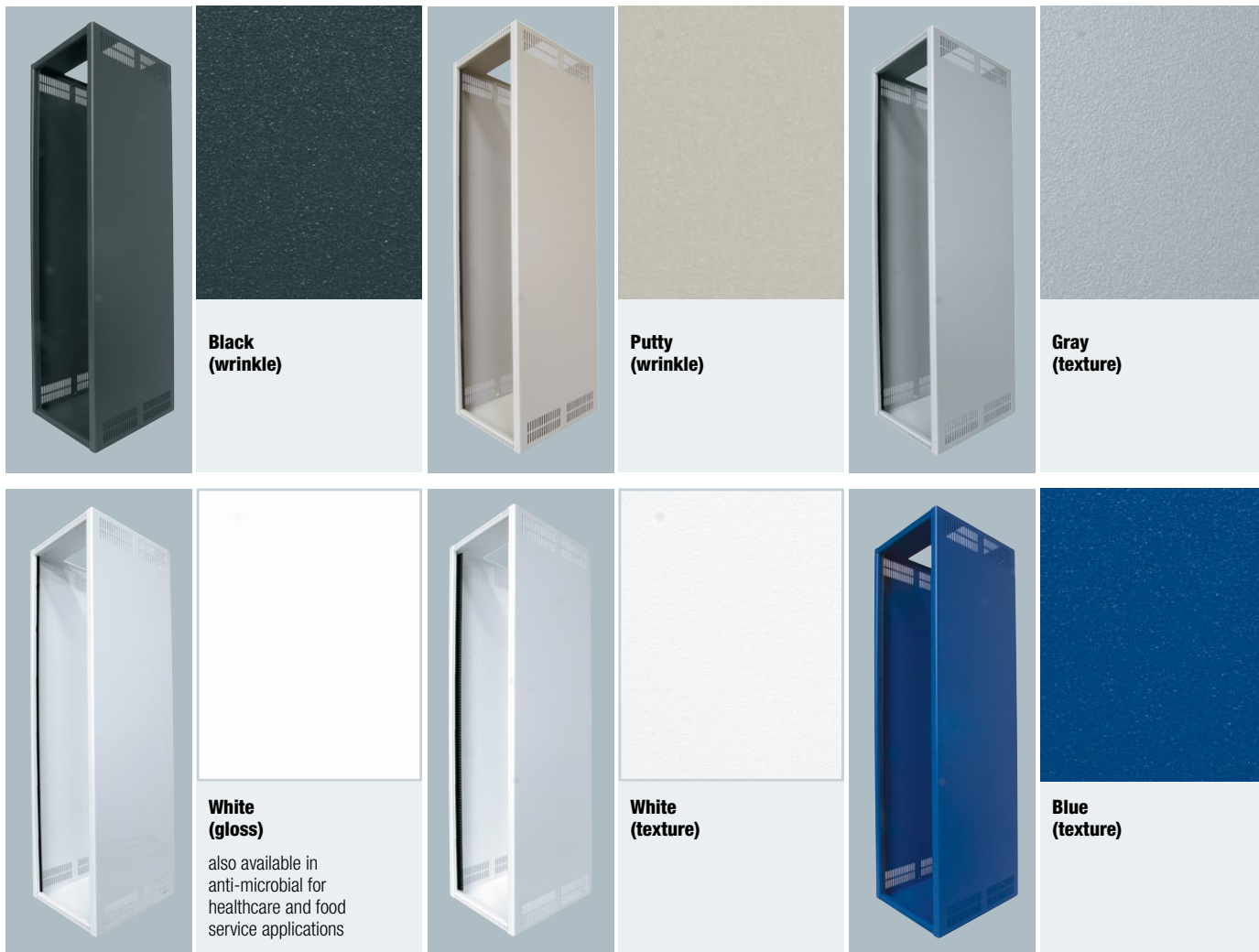
Know where each component is intended to be installed. This saves time and increases system design accuracy during implementation.



# CUSTOM SERVICES

## WE OFFER CUSTOM COLORS

Middle Atlantic Products has expanded custom services by offering a wide range of custom colors make every installation both unique and professional. Contact us for further details.



Custom Services

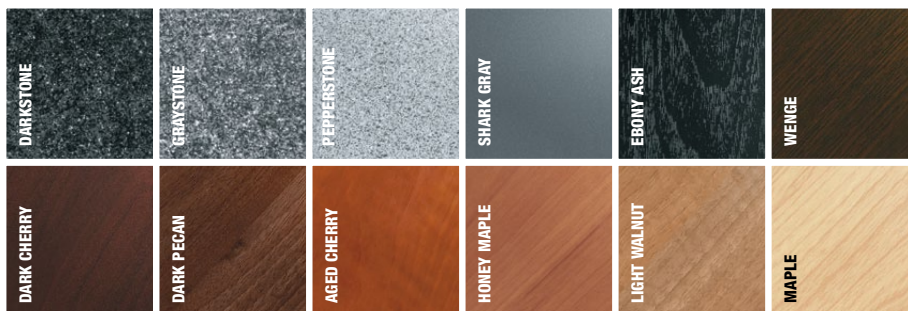
## WE OFFER MANY DESIGN CHOICES FOR AESTHETIC UPGRADES



Our in-house thermolaminating process allows contours and surface features to be added to sides, tops, work surfaces and doors for more pleasing aesthetics. Contact us for ordering information.

### Benefits include:

- Rapid turn-around
- Attractive choices in many finishes
- Multi-axis contours
- Raised or sunken panel patterns to match existing rooms
- No sharp corners or edges
- Custom widths, depths, heights





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